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60th CHRISTMAS BIRD COUNT

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A bimonthly magazine devoted to reporting the distribution, migration and abundance of birds

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Cover Photograph of Screech Owl by Allan D. Cruickshank.

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Membership Rates

In the 53-year history of the National Audubon Society, it has never raised its membership rates, and has kept its subscription rates low. However, with rising costs, the Society was forced to make the following changes. The new rates are now as follows:

Membership

Regular	$ 6.50	Active	$25.00
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Sixtieth Christmas Bird Count

Edited by Allan D. Cruickshank

AGAIN THIS YEAR the Christmas Bird Count created great excitement and enthusiasm across the continent. A score of letters was received praising the project and emphasizing the stimulation it gave to local Audubon Societies and other natural science clubs. Tom Walker of Great Falls, Mont. called it "one of our most enthusiastic nature activities of the year" and added "The best way to introduce anyone to the exciting game of birding is to take him with you on a Christmas Bird Count." It must be pointed out that this statement comes from one working in an area where in winter birds are few and far between, and weather generally extremely severe. Harriet Delafield of Saranac Lake, N. Y. where the snow was 14-15 inches deep on the level, and the mercury dropped to 11 degrees below zero wrote: "We all had a wonderful time . . . thanks for letting us take part in this interesting experience."

Checking and rechecking this great mass of Christmas Counts is a tremendous job, but your Editor actually enjoys the work, and has many good laughs from annotations or letters which accompany many reports. In Brooklyn, N. Y. an inquisitive citizen discovering that birds were being checked, pointed to a bird the observers had not noticed perched on a bridge piling, and said: "OK, what's that?" It was a Snowy Owl. How lucky can one be? Two Black-billed Magpies were reported in the New York City Region far from their normal range. The one in Northern Nassau County was known to be an escape that had been flying wild in the same general area for 18 months. Jeff Carleton, however, was convinced that the magpie on the Brooklyn count was not an escape because ". . . it had a wild look in its eye"! At Cocoa Beach three men seeing a group looking through telescopes pointing towards Cape Canaveral excitedly wanted to know whether it was an Atlas, Jupiter, Thor or Titan rocket that was about to be fired. When told that the excitement was over a different kind of bird, a live bird, the visitors seemed incredulous, and one was heard to mumble "That's one for 'Ripley's Believe It Or Not'."

It is impossible to mention by name the thousands of persons who contributed so much to the success of the Sixtieth Christmas Bird Count. However, it gives me great pleasure to extend a special salute to Charles H. Rogers of Princeton, N. J. who has participated every year since this exciting popular project was inaugurated 60 years ago. He is the only participant with this distinction. Special tribute also should go to Samuel D. Robbins, organizer and compiler at Belmont, Mass. On the morning of the count he had a heart attack. As the police were removing him to the hospital he asked his wife to telephone Mr. Drew and request him to "man" the telephone at count headquarters, and collect all party reports. When these reports were brought to Mr. Robbins he not only compiled the list, but telephoned participants to check on possible duplication of numbers, and to verify all unusual observations.

This year a record-breaking 594 reports are published. The 600 mark would have been exceeded if 2 dozen reports had not been rejected because they failed to follow official count rules, or were so scribbled as to defy deciphering. Fifteen counts recorded 140 or more species. California, Texas and Florida accounted for 12 of them:

Cocoa, Fla.	196
Tomales Bay, Calif.	164
Crystal Springs, Calif.	163
San Diego, Calif.	163
Sabine National Wildlife Refuge, La.	163
St. Marks, Fla.	157
Houston, Tex.	155
Cape May, N. J.	153
Laguna Atascosa National Wildlife Refuge, Tex.	153
Wilmington, N. C.	151
Freeport, Tex.	148
Coot Bay—Everglades National Park, Fla.	146
Oakland, Calif.	142
Santa Ana National Wildlife Refuge, Tex.	140
Los Angeles, Calif.	140

Highest Count For Each State or Province

State or Province	Number of Counts	Highest Count
Hawaii	1	Honolulu (34)
Nova Scotia	4	Cole Harbour–Chezzetcook (46), Wolfville (46)
New Brunswick	1	Moncton–Shediac (23)
Quebec	4	Montreal (33)
Ontario	17	Hamilton (70)
Saskatchewan	3	Kamsack–Madge Lake (17)
Alberta	4	Edmonton (33)
British Columbia	3	Victoria (106)
Maine	7	Castine (66)
New Hampshire	7	Coastal New Hampshire (59)
Vermont	4	Bennington (27), Burlington (27)
Massachusetts	13	Cape Cod (113)
Rhode Island	2	Newport, R. I. and Westport, Mass. (114)
Connecticut	10	Saybrook–Old Lyme (111)
New York	38	Brooklyn (114), Central Suffolk County (114), Bronx–Westchester Region (114)
New Jersey	20	Cape May (153)
Pennsylvania	30	Glenolden (98)
Delaware	2	Bombay Hook National Wildlife Refuge (125)
Maryland	14	Ocean City (139)
District of Columbia	1	Washington (99)
Virginia	19	Back Bay National Wildlife Refuge (121)
North Carolina	12	Wilmington (151)
South Carolina	6	Charleston (128)
Georgia	9	Okefenokee National Wildlife Refuge (97)
Florida	25	Cocoa (196)
Ohio	38	Cincinnati (80)
West Virginia	5	Huntington (68)
Kentucky	7	Louisville (80)
Tennessee	9	Chattanooga (73)
Alabama	3	Mobile (134)
Mississippi	2	Jackson (78)
Michigan	22	Otsego (51)
Indiana	13	Indianapolis (62)
Illinois	17	Decatur (66)
Wisconsin	20	Madison (63)
Minnesota	12	Duluth (46)
Iowa	13	Davenport (67)
Missouri	6	Kansas City, Mo.–Kans. (68)
Arkansas	6	Lonoke (86)
Louisiana	5	Sabine National Wildlife Refuge (163)
North Dakota	5	Bismarck (21), Fargo, N. Dak.–Moorhead, Minn. (21)
South Dakota	7	Sioux Falls (34)
Nebraska	6	Scottsbluff (42)
Kansas	11	Topeka (53)
Oklahoma	10	Wichita Mts. Wildlife Refuge (80)
Texas	38	Houston (155)
Montana	7	Ennis (40)
Wyoming	2	Casper (43)
Colorado	13	Colorado Springs (76)
New Mexico	5	Roswell (81)
Idaho	2	Moscow (55)
Utah	2	Bear River Migratory Bird Refuge (48)
Arizona	7	Santa Catalina Mountains (100)
Nevada	1	Lake Mead National Recreation Area (37)
Washington	4	Seattle (94)
Oregon	7	Portland (112)
California	33	Tomales Bay (164)

Ocean City, Md. and St. Petersburg, Fla. missed joining this select group by only one species. The following 4 counts tied for low honors with 10 species each:

Yorkton, Sask.
Cedar Creek Bog, Minn.
Arrowwood National Wildlife Refuge, N. Dak.
Lower Souris National Wildlife Refuge, N. Dak.

Thirty-six reports were submitted from Canada, 6 more than the year before. Once again the 3 highest Canadian counts came from British Columbia. Competition there was keen with Victoria's 106 edging out Vancouver by only one species, and surpassing Ladner by only four. The Rock Wren listed for Victoria is probably the first record for Vancouver Island. This bird was present for several months and satisfactorily photographed. But if one used the discovery of rarities rather than total species as the criteria for rewards, Nova Scotia would have to be given Canada's top honors. At Cole Harbour–Chezzetcook a Lark Bunting was carefully identified by John Comer. This is the fourth Nova Scotia record for this Great Plains species. Mr. Comer is such a competent observer with a long record of finding rarities, and then showing them to other birders, that one cannot doubt his identification. Your Christmas Count Editor well remembers an equally out-of-range Lark Bunting which he, Roger Peterson, Joseph Cadbury and Donald Borror saw at the Audubon Camp of Maine on August 25, 1950. The second amazing Nova Scotia record was that of a Redshank seen in the Halifax area by L. B. Macpherson and Fred Dobson. These 2 experienced field ornithologists have submitted such an excellent, detailed, convincing account of the observation that there can be no doubt that this unmistakable Old World species did stray to our side of the Atlantic.

The big news in New England was the widespread invasion of Boreal Chickadees. Massachusetts had the greatest invasion of this species in almost 2 decades, and half of the counts in the state reported this rare winter visitor from the North. Northampton listed 9, Cape Ann 7, and Springfield 3. Quincy, Mass. produced the rarest find for New England in a Golden-crowned Sparrow. This bird remained at the feeder and was seen time after time by many expert birders and finally photographed. Cape Cod which annually traps strays from the West produced a Western Tanager. Another western species, a Black-headed Grosbeak, was seen in the Hartford, Conn. area. The Swainson's Thrush studied at Nantucket, Mass. had only one eye. Many reports of stragglers are accompanied by notes stating that the bird had apparently been severely injured. Injury or temporary incapacity may well account for the majority of our December records of species which normally should be south of the United States at Christmastime.

The size of a list undoubtedly depends on the richness of birdlife in the chosen 15-mile diameter circle. Anyone who has participated in bird counts in many states realizes that year after year certain areas seem to attract quantities of wintering birds. Just as thorough coverage by the same team of observers in other choice areas in the state would fail to produce a comparable list. However, many choice areas go unheralded until some energetic field men concentrate their efforts there. Notice the Saybrook–Old Lyme high count for Connecticut. This is largely due to the thorough organization and careful coverage planned by Roger Peterson and Peter Isleib.

It is obvious that during the winter many birds, particularly in northern areas, concentrate around well maintained feeding stations. With this in mind, Roland Clement suggested to Leonard Bradley, compiler for Westport, Conn. that he keep a separate list of all the birds seen at feeders. The following list of birds seen at feeding stations in the Westport, Conn. circle is most impressive:

Mourning Dove	188
Hairy Woodpecker	33
Downy Woodpecker	92
Black-capped Chickadee	369
Tufted Titmouse	134
White-breasted Nuthatch	160
Red-breasted Nuthatch	4
Carolina Wren	5
Ruby-crowned Kinglet	2
Starling	509
House Sparrow	401
Common Grackle	11
Brown-headed Cowbird	95
Cardinal	112
Evening Grosbeak	63
Purple Finch	77

House Finch	6
Common Redpoll	2
American Goldfinch	188
Rufous-sided Towhee	4
Vesper Sparrow	1
Slate-colored Junco	292
Tree Sparrow	52
Chipping Sparrow	1
Field Sparrow	3
White-throated Sparrow	97
Fox Sparrow	54
Song Sparrow	43

New York generally submits more counts than any other state in the U. S. A. This year 38 are published, 2 more than all of the Canadian Provinces combined. Annually the large number of keen enthusiastic birders concentrated around the Greater New York City Region carefully comb their choice areas from before dawn until well after dark. Their efforts this count resulted in a 3-way-114-species-tie for Brooklyn, Central Suffolk County and the Bronx–Westchester Region. Perhaps Brooklyn should have won the local competition for they saw 2 additional species within the 15-mile diameter circle. But these 2 species, Blue Goose and Short-billed Marsh Wren, were seen on territory in a neighboring club's section of the divided overlap. Your Editor, after much deliberation, decided that the 2 species seen outside the official Brooklyn count area had to be omitted from the list. In New York State the most noteworthy finds were a Dunlin at Rochester, a Franklin's Gull at Oswego–Fulton, a Swainson's Thrush in Northern Nassau County, a Rose-breasted Grosbeak in Bronx–Westchester, and a Whimbrel at Smithtown.

Strangely the widespread Boreal Chickadee invasion of New England seemed to stop abruptly at the southern Massachusetts border. None were reported from Rhode Island, Connecticut or southern New York, yet 2 showed up in New Jersey, one at Hackensack–Ridgewood, another at Northwest Hunterdon County. Cape May, N. J. reported an amazing 153 species, 2 more than Wilmington, N. C. Outstanding were a Cattle Egret present all fall, and a White-rumped Sandpiper carefully identified by expert observer, David Cutler. Elsewhere in the state special notice must be given to a Yellow Rail at Oceanville, and an Eared Grebe at Long Branch.

In Pennsylvania a Wood Thrush was studied at close range in Lower Bucks County, a Western Tanager, present since December 8, remained to glorify the West Chester list, and a Lincoln's Sparrow was carefully identified by 3 competent observers at Glenolden. Observers at Presque Isle State Park could offer no explanation for the phenomenal concentration of gulls which "literally filled Erie Bay." Estimates listed 170,000 Ring-bills, 30,000 Herring, and 487 Great Black-backs.

Moving down the coast we find Ocean City, Md. again leading the counts in that section of the country. Outstanding in their impressive list was an Iceland Gull, as well as a flock of 8 Common and 11 King Eiders carefully studied by 4 parties. This count of 11 King Eiders is the highest ever recorded in Maryland, and is higher than any North American count for many years. Even more astonishing Maryland records were 2 Orchard Orioles on the Annapolis–Gibson Island count, and a Western Grebe at Triadelphia Reservoir. Only 3 of the Maryland counts reported the Brown-headed Nuthatch, but St. Michaels listed 353, and Southern Dorchester County 482. Glaucous Gulls were seen at Rehoboth, Del. and Chincoteague National Wildlife Refuge, Va.

Annually your Editor gets a lift from the exceptionally neat, well-prepared Virginia reports sent in by Frederic R. Scott (2 counts) and P. W. Sykes, Jr. (4 counts). If every compiler were as careful the Editor's work would be cut in half. Three Glossy Ibis at Chincoteague National Wildlife Refuge, Va. constitute the first winter record of this species for the state. Almost unbelievable is a Prothonotary Warbler said to be carefully identified at Newport News, Va. This species is accidental even in Florida after September! Almost as unbelievable is a report of a Blue Grosbeak studied at leisure by 3 good observers at Wilmington, N. C. In support, however, comes another report of a Blue Grosbeak carefully studied at 20 yards by R. Goodman and Harold Peters in the Ida Callaway Gardens of Georgia. The Yellow-billed Cuckoo at Rome, Ga. would have seemed equally unique if one had not been aware that this species was lingering phenomenally late in many sections of Florida with Christmas Count reports of one at Cocoa and 4 at Coot Bay–Everglades National Park.

The generally mild Florida climate makes stragglers of almost any species a possibility. In fact, 22 species of warblers were reported in the state during count period. Most noteworthy observations are 50 Barn Swallows in an irregular flock flying south past a boat off Key Largo, an Am. Golden Plover near West Palm Beach, Eastern Kingbirds at both Cocoa and Coot Bay, a Chestnut-sided Warbler at Daytona Beach, a Magnolia Warbler at Key West, and Roseate Terns and Yellow Warblers at both Cocoa and Coot Bay. In contrast, a Glaucous Gull at Port Canaveral near Cocoa, an Iceland Gull at Pensacola, and a Rough-legged Hawk near Titusville present a unique northern flavor to the Florida counts. At the time of writing this introduction in March the Glaucous Gull is still present at Port Canaveral and has been seen by 60 or more experienced field ornithologists. The Brown Booby present on Halls Island near Cocoa since April must be attempting to match the record of the famous Brown Booby that has been present since September 1958 at the Imperial National Wildlife Refuge in Arizona. Last season only half of the reports from Florida listed the Robin and the state's total of only 3583 individuals tempted one to believe the species was being rapidly decimated by excessive use of poison sprays on the northern breeding grounds. This year 88,843 were reported in Florida emphasizing the fact that one must be extremely careful not to jump to conclusions based on local records in a single Christmas Count period.

This year Ohio with 38 counts tied New York and Texas for the greatest number of counts accepted. Harris' Sparrows were seen at Dayton and Lakewood. A Brant was carefully identified at O'Shaughnessy Reservoir by 2 experienced observers. A Broad-winged Hawk seen at Dayton was suspected of being slightly injured. Probably any Broad-winged Hawk lingering into December in the northern states has had some injury or sickness. Your Editor looks with great skepticism on most winter reports of Broad-winged Hawks anywhere in the United States north of Florida. Many observers do not seem to realize that 99 per cent of all Broad-wings winter south of the United States, and that the species is rare even in central Florida in December. Certainly northern reports not underlining the species as noteworthy, and not submitting satisfactory details of the observation are not worth a moment's consideration. Reports simply mentioning that the observation cannot be questioned because the species annually nests in the woods, where it was seen, are amusing. On this basis one might just as well expect a Christmas Wood Pewee or Red-eyed Vireo!

A Prairie Warbler seen at Charleston, W. Va. stands out especially on a list containing both Evening and Pine Grosbeaks. Again Mobile, Ala. with only one observer surpasses all other counts in the state with 134 species, and again leads one to wonder what a well-organized group of experts would do in this rich bird area. The Dauphin Island, Ala. count, however, contains more unusual species, such as Pectoral Sandpiper, Chuck-will's-widow and Eared Grebe.

Mississippi, after missing the Christmas Count last year, came back with 2 reports. Jackson with 78 was top count and produced an unquestionable record of a Say's Phoebe, the first record of this species for Mississippi.

Around the Great Lakes there was a good to fair Common Redpoll flight, particularly in Michigan, Wisconsin and Minnesota. A Barrow's Goldeneye and a Franklin's Gull at Chicago are noteworthy. Harris' Sparrows at Michigan City, Ind. and Rockford, Ill. are far northeast of their normal winter range. A Harlequin Duck far inland at Decatur, Ill. deserves special mention. Undoubtedly the most unique record in the north-central United States is the Black-throated Sparrow carefully identified at a feeder in Madison, Wis. This bird remained all through January and was seen by numerous experts, including Joseph Hickey and A. W. Schorger.

Singularly Duluth, the northernmost report for Minnesota, produced the highest list for the state, listing 2 Tufted Titmice along with such northern visitors as the Great Gray Owl, Hawk-Owl and Hoary Redpoll. Davenport again led all Iowa counts, including on its list a rare Glaucous Gull and a late lingering Catbird. A Common Scoter present at Des Moines is probably more remarkable. An Am. Golden Plover seen well on the Fort Smith, Ark.–Moffett, Okla. count must have had some incapacity during its southward flight to make it linger so far north.

The tempering effect of the Gulf of Mexico shows in the large lists coming from Louisiana

and Texas. An adult male Lucy's Warbler at Buras–Venice adds a new bird to Louisiana's list. This same locality reported a Magnolia Warbler and 1155 White-faced Ibis. Sabine National Wildlife Refuge produced 5627 White-faced Ibis. Groove-billed Anis were seen as far east as St. Francisville and Sabine National Wildlife Refuge, La., and Houston, Tex. At the Aransas National Wildlife Refuge, Tex. only 6 Whooping Cranes were seen on count day, but an air survey on December 30 indicated that 33 of these rare beauties were present.

Unfortunately, several of the largest counts in Texas producing some of the highest lists in the country failed to give any details for numerous outstanding observations. However, two Texas compilers, Fred S. Webster, Jr. (4 counts) and Frances Williams (6 counts) deserve commendation for submitting superior, neat, well-prepared reports with excellent details supporting all unusual observations. Fortunately, most compilers across the continent willingly send in careful details for all out of the ordinary observations. Generally the more experienced and nationally-known the compiler, the more thorough the details. All groups should insist that their compilers do likewise so as not to detract from their reports. In Texas convincing details were presented for such unusual observations as Oldsquaw at both Fort Worth and Stanton, Kentucky Warbler at Freeport, Magnolia Warbler at Waco, Am. Redstart at Carrizo Springs, 2 Least Terns and a Yellow-billed Cuckoo at Houston, 8401 Eared Grebes at La Sal Vieja, and 13,512 Lark Buntings at Midland.

Reports sprinkled throughout the Rocky Mountains reported rosy finches, but only Espanola, N. Mex. listed all 3 species. Late stragglers included Am. Goldfinch at Ennis, Mont., Mourning Dove at Libby, Mont., Brown Thrasher at Casper, Wyo., Yellow-headed Blackbird at Boulder, Colo., and Osprey at Durango, Colo. The 94 Short-Eared Owls flushed at Moscow, Idaho possibly set a new high count for this species. The Brown Booby present since September 1958 at the Imperial National Wildlife Refuge, Ariz.–Calif. is remarkable.

In Oregon Pectoral Sandpipers carefully studied at Eugene and Portland are almost unbelievable as this species is accidental in winter even in southern California. More than 6000 Starlings at Roseburg, Oreg. where the species was unrecorded before 1954 indicate how well this Old World species is establishing itself in our Northwest. Moreover 14 of the 33 California counts list the Starling, again emphasizing the success of this species in that state.

California as usual produced many large interesting counts. It led all other states with 5 reports of 140 or more species. Tomales Bay with 164 species topped both San Diego and Crystal Springs by only one. Next year one can expect even more careful planning and more thorough coverage in these 3 areas. San Diego attributes its loss of California's top position not only to the constant population growth with its accompanying destructive bulldozing that progressively ruins the countryside, but also to the bitter 38 degree temperature, the coldest day locally since 1949. Perhaps the cold weather was responsible for the Red-necked Grebe and 5 Oldsquaws. The cold, directly or indirectly, undoubtedly accounts for the absence of Procellariformes along the entire west coast. One Manx Shearwater at Tomales Bay was the only representative of this order reported, an order that featured so highly during the preceding Christmas Count period.

California produced so many interesting records that one must study all reports to get the complete story. The most exciting is the Poor-will hibernating on a porch in San Bernardino. Among other highlights were an Am. Golden Plover at Tomales Bay, a Wilson's Phalarope at San Diego, 7 Baird's Sandpipers at Orange County (central), 2 Vaux's Swifts at San Fernando, Ash-throated Flycatchers at Redlands and Sacramento, a Black-and-white Warbler at Redlands, 6 Hermit Warblers at Palo Alto, an adult male Summer Tanager at Monterey, and 5 Harris' Sparrows at Santa Cruz County (west). For several decades many people have been deeply concerned about the White-tailed Kite. It is encouraging this year to find 16 of the 33 California counts reporting a total of 118 individuals, 38 around Sacramento, 44 from Orange County.

1. Honolulu, Hawaii (all points within a 15-mile diameter circle; same general area and coverage as last 5 years).—Dec. 27; 6:45 a.m. to 2:45 p.m. Fair; temp. 73°; wind NE, 10 m.p.h. Ten observers in ? parties. Total party-hours, 15 (13 on foot, 2 by car); total party-miles, 17 (7 on foot, 10 by car). ► Black-footed Albatross, 2; Blue-faced Booby, 1; Red-footed Booby, 1013; Brown Booby, 50; Great Frigate-bird, 120; Black-crowned Night Heron, 2; Am. Widgeon, 17; Pintail, 148; Shoveler, 43; Common Gallinule, 1; Am. Coot, 1133; Am. Golden Plover, 118; Ruddy Turnstone, 2; Wandering Tattler, 14; Sanderling, 16; Hawaiian Stilt, 124; Pomarine Jaeger, 2; Spotted Dove, 106; Barred Dove, 176; Mockingbird, 1; House Sparrow, 68; Cardinal, 32; Brazilian Cardinal, 18; House Finch, 3; Chinese Thrush, 2; Shama Thrush, 3; Red-billed Leiothrix, 76; White-eye, 89; Myna, 391; Ricebird, 180; Elepaio, 46; Amakihi, 56; Hawaiian Creeper, 1; Apapane, 23. **Total,** 34 species; about 4064 individuals.—John Bowles, Charles Hanson (compiler), Mrs. Priscilla Harpham, Hal Horning, Unoyo Kojima, Mrs. Blanche Pedley, Mrs. Ruth Rockafellow, Paul Schaefer, Mr. and Mrs. Frank Stephenson (Hawaii Audubon Society).

2. Cole Harbour–Chezzetcook, Nova Scotia (all points within a 15-mile diameter circle, center Mineville; Eastern Shore Highway, connecting roads, Porter's Lake, Cole Harbour, Lawrencetown, Wedge Island, Three-fathom Harbour, Seaforth, Chezzetcook; mixed second-growth woods 45%, salt water 30%, fresh water 10%, salt and brackish ponds and marshes 10%, farms and settlements 5%).—Dec. 29; 7:45 a.m. to 4:30 p.m. Continuous driving snow; temp 30°; wind ENE, 30-50 m.p.h.; conditions and visibility very poor. Seven observers in 3 parties. Total party-hours, 22 (4 on foot, 18 by car); total party-miles, 120 (7 on foot, 113 by car). ► Common Loon, 2; Horned Grebe, 5; Canada Goose, 165; Black Duck, 350; Common Goldeneye, 10; Bufflehead, 19; Oldsquaw, 12; Common Merganser, 3; Red-breasted Merganser, 10; Goshawk, 1; Sharp-shinned Hawk, 1; Bald Eagle, 1; Common Snipe, 1; Great Black-backed Gull, 44; Herring Gull, 230; Ring-billed Gull, 12; Black-headed Gull, 1; Razorbill, 1; Mourning Dove, 1; Yellow-shafted Flicker, 1; Hairy Woodpecker, 2; Horned Lark, 2; Blue Jay, 1; Common Raven, 46; Common Crow, 49; Black-capped Chickadee, 14; Boreal Chickadee, 13; Red-breasted Nuthatch, 4; Brown Creeper, 1; Golden-crowned Kinglet, 11; Starling, 140; House Sparrow, 44; Brown-headed Cowbird, 185; Evening Grosbeak, 2; Common Redpoll, 725; Pine Siskin, 15; Am. Goldfinch, 5; White-winged Crossbill, 11; **Lark Bunting, 1** (carefully identified—fourth Nova Scotia record—J.C.); Ipswich Sparrow, 2; Savannah Sparrow, 1; Slate-colored Junco, 165; Tree Sparrow, 8; White-throated Sparrow, 32; Fox Sparrow, 5; Song Sparrow, 39. **Total,** 46 species; about 2393 individuals. (Seen in area count period, but not on count day: Common Eider, Ruffed Grouse, Ring-necked Pheasant, Vesper Sparrow.)—C. R. Allen, John Comer, Fred Dobson, Phyllis Dobson, Clive Macdonald, L. B. Macpherson (compiler) (Nova Scotia Bird Society).

3. Halifax, Nova Scotia (all points within a 15-mile diameter circle, center Henry Lake on Old Sambro Road; city, harbor, Northwest Arm, roads to Herring Cove, Sambro Harbour, Timberlea; mixed second-growth woods, mostly conifer 50%, open barrens 15%, salt water 15%, fresh water 7%, small farms 7%, city and villages 6%).—Jan. 3; 8 a.m. to 4 p.m. Overcast, heavy rain; temp. 30° to 40°; wind SSW, 35-70 m.p.h.; ground mostly bare, lakes frozen, visibility poor. Seventeen observers, 7 in 3 parties plus 10 at 10 feeding stations. Total party-hours, 23 (6 on foot, 7 by car, 10 at feeders); total party-miles, 33 (8 on foot, 25 by car). ► Horned Grebe, 1; Great Cormorant, 4; Common Eider, 165; Sharp-shinned Hawk, 1; Purple Sandpiper, 3; Glaucous Gull, 2; Iceland Gull, 12 (Kumlein's, 1); Great Black-backed Gull, 500; Herring Gull, 4000; Black-headed Gull, 5; Thick-billed Murre, 1; Dovekie, 3; Black Guillemot, 3; Hairy Woodpecker, 6; Downy Woodpecker, 7; Blue Jay, 19; Common Raven, 24; Common Crow, 27; Black-capped Chickadee, 36; Boreal Chickadee, 5; White-breasted Nuthatch, 6; Red-breasted Nuthatch, 8; Brown Creeper, 2; Robin, 4; Golden-crowned Kinglet, 2; Starling, 7000; House Sparrow, 2000; Common Grackle, 2; Brown-headed Cowbird, 83; Evening Grosbeak, 108; Pine Grosbeak, 2; Common Redpoll, 39; Pine Siskin, 1; Slate-colored Junco, 52; Tree Sparrow, 2; Song Sparrow, 3. **Total,** 36 species (1 additional race); about 14,138 individuals. (Seen in area count period, but not on count day: Common Loon, Red-necked Grebe, **Redshank,** Ring-billed Gull, Snowy Owl, Yellow-shafted Flicker, **Mockingbird, Yellow-breasted Chat, Baltimore Oriole,** Am. Goldfinch.) [Excellent convincing details submitted about Redshank observation—Ed.]—C. R. Allen, Fred Dobson, Mrs. John W. Dobson, L. B. Macpherson (compiler), Willett J. Mills, H. P. Moffatt, David Stewart (Nova Scotia Bird Society).

4. West Middle Sable, Nova Scotia (all points within a 15-mile diameter circle, center West Middle Sable schoolhouse; West Middle Sable to Hemeon Head, also Head of Port l'Hebert).—Dec. 26; 8:30 a.m. to 5:30 p.m. Cloudy, snow flurries; temp. 5° to 28°; wind calm; 3-in. snow, light shore ice on sheltered water. Two observers in 2 parties and 3 feeding stations. Total party-hours, 9 (8 on foot, 1 by car); total party-miles, 16 (13 on foot, 3 by car). ► Horned Grebe, 4; Great Cormorant, 13; Canada Goose, 788; Black Duck, 373; Common Goldeneye, 8; Bufflehead, 38; Common Eider, 6; Common Merganser, 10; Great Black-backed Gull, 4; Herring Gull, 68; Dovekie, 1; Great Horned Owl, 1; Hairy Woodpecker, 3; Downy Woodpecker, 1; Horned Lark, 1; Gray Jay, 6; Blue Jay, 12; Common Raven, 2; Common Crow, 15; Black-capped Chickadee, 19; Boreal Chickadee, 17; Red-breasted Nuthatch, 6; Robin, 1; Golden-crowned Kinglet, 5; Starling, 11; Myrtle Warbler, 5; House Sparrow, 15; **Baltimore Oriole, 1**; Evening Grosbeak, 2; Pine Grosbeak, 3; Common Redpoll, 9; Savannah Sparrow, 3; Slate-colored Junco, 44; Tree Sparrow, 6; White-throated Sparrow, 9; Song Sparrow, 4; Snow Bunting, 1. **Total,** 37 species; about 1515 individuals. (Seen in area count period, but not on count day: Am. Gold-

finch, Fox Sparrow.)—Mrs. R. J. Dingwall, Mrs. Harrison F. Lewis, Harrison F. Lewis (compiler), Mrs. Cecil Thompson, Harold F. Tufts.

5. **Wolfville, Nova Scotia** (all points within a 15-mile diameter circle, center Acadia University).—Dec. 27; 8 a.m. to 4:30 p.m.; temp 22° to 24°; wind W, light; ground practically bare of snow. Twelve observers in 5 parties, plus 3 watching feeding trays. Total party-hours, 40 (7 on foot, 33 by car); total party-miles, 100 (22 on foot, 78 by car). ► **Great Blue Heron, 1**; Black Duck, 131; Common Goldeneye, 23; Red-tailed Hawk, 5; Rough-legged Hawk, 4; Bald Eagle, 6; Marsh Hawk, 1; Sparrow Hawk, 1; Ruffed Grouse, 2; Ring-necked Pheasant, 13; Great Black-backed Gull, 92; Herring Gull, 182; **Mourning Dove, 25**; Short-eared Owl, 4; Yellow-shafted Flicker, 3; Hairy Woodpecker, 6; Downy Woodpecker, 2; Horned Lark, 23; Blue Jay, 59; Common Raven, 26; Common Crow, 188; Black-capped Chickadee, 42; Boreal Chickadee, 4; White-breasted Nuthatch, 3; Red-breasted Nuthatch, 3; **Long-billed Marsh Wren, 1** [no details—Ed.]; **Mockingbird, 1**; Robin, 1; Golden-crowned Kinglet, 12; Cedar Waxwing, 3; Starling, 630; **Yellowthroat, 1** [no details—Ed.]; House Sparrow, 701; Brown-headed Cowbird, 2; Evening Grosbeak, 213; Purple Finch, 13; Pine Grosbeak, 37; Common Redpoll, 526; Pine Siskin, 6; Am. Goldfinch, 26; Savannah Sparrow, 6; Slate-colored Junco, 103; Tree Sparrow, 27; White-throated Sparrow, 4; Song Sparrow, 22; Snow Bunting, 1. **Total,** 46 species; about 3185 individuals.—Sherman J. Bleakney, John S. Erskine, Robie W. Tufts (compiler).

6. **Moncton–Shediac, N. B.** (all points within a 15-mile diameter circle, center Lakeville; Moncton golf course to Shediac Bay, including Swifts Packing Plant on Petitcodiac River—open all year, tidal bore twice daily; mixed second-growth woodland, mostly conifer 50%, Tamarack and Black Spruce bog 15%, farmland 15%, fresh-water rivers and lakes 10%, marshland 4%, salt water 1%, city and villages 5%).—Jan. 1; 8 a.m. to 5 p.m. Clear; temp. 10° to 20°; wind N, 3 m.p.h.; 12-in. snow on ground. One observer. Total hours, 9 (3 on foot, 6 by car); total miles, 92 (7 on foot, 85 by car). ► Black Duck, 98; Common Goldeneye, 37; Common Merganser, 1; Great Black-backed Gull, 375; Herring Gull, 790; Gray Jay, 3; Blue Jay, 9; Common Raven, 128; Common Crow, 87; Black-capped Chickadee, 11; Boreal Chickadee, 2; Red-breasted Nuthatch, 2; Brown Creeper, 1; Golden-crowned Kinglet, 1; Starling, 373; House Sparrow, 396; Brown-headed Cowbird, 2; Evening Grosbeak, 57; Common Redpoll, 32; White-winged Crossbill, 4; Slate-colored Junco, 5; Song Sparrow, 1; Snow Bunting, 127. **Total,** 23 species; about 2542 individuals. (Seen in area count period, but not on count day: Canada Goose, Hairy Woodpecker, Downy Woodpecker.)—Fred Bone.

7. **Arvida, Que.** (all points within a 15-mile diameter circle, center same as last 3 years; mixed woods 68%, farmland 22%, residential and industrial 3%, fresh water 6%, tidal water 1%).—Dec. 26; 7:45 a.m. to 4:15 p.m. Fine with high clouds; temp. 5° to 16°; wind variable, very light; 12-in. powdered snow, water frozen except swift rivers. Fourteen observers in 11 parties. Total party-hours, 29 (18 on foot, 11 by car); total party-miles, 147 (17 on foot, 130 by car). ► Common Goldeneye, 8; Common Merganser, 20; Great Horned Owl, 1; Snowy Owl, 1; Hairy Woodpecker, 4; Downy Woodpecker, 1; Blue Jay, 11; Common Crow, 14; Black-capped Chickadee, 63; Robin, 1; Northern Shrike, 1; Starling, 92; House Sparrow, 129; Evening Grosbeak, 52; Pine Grosbeak, 33; Common Redpoll, 20; White-winged Crossbill, 20; Snow Bunting, 4. **Total,** 18 species; about 475 individuals. (Seen in area count period, but not on count day: Ruffed Grouse, Red-breasted Nuthatch.)—P. W. Browne (compiler), Jon Collins, Peter Gummer, W. K. Gummer, Anthony Miller, Gunter Moeller, Uwe Moeller, B. R. Pathak, D. Pearson, D. Stokes, E. Stokes, Aime Trudel.

8. **Hudson, Que.** (all points within a 15-mile diameter circle, center St. Lazare, including Ottawa River from Hudson Heights to Como, St. Lawrence River between Coteau and Cedars; mixed woods 29%, farmlands 70%, villages, including Whitlock and Pine Lake Sanctuaries 1%, several feeders).—Jan. 2; 7:30 a.m. to 4:30 p.m. Mainly cloudy; temp. 6° to 20°; wind NE, 8-10 m.p.h.; 8-in. snow on ground, only open water small patches in St. Lawrence. Twenty-one observers in 10 parties. Total party-hours, 57 (25 on foot, 13 by car, 9 on skis, 10 at feeders); total party-miles, 134 (19 on foot, 106 by car, 9 on skis). ► Black Duck, 30; Common Goldeneye, 68; Common Merganser, 1; Rough-legged Hawk, 3; Sparrow Hawk, 1; Ruffed Grouse, 9; Gray Partridge, 68; Herring Gull, 1; Barred Owl, 1; Pileated Woodpecker, 2; Hairy Woodpecker, 20; Downy Woodpecker, 19; Blue Jay, 76; Common Crow, 5; Black-capped Chickadee, 269; White-breasted Nuthatch, 41; Red-breasted Nuthatch, 6; Brown Creeper, 4; Robin, 2; Starling, 22; House Sparrow, 318; Common Grackle, 1; Evening Grosbeak, 270; Pine Grosbeak, 21; Common Redpoll, 170; Am. Goldfinch, 1; Slate-colored Junco, 4; **Oregon Junco, 1** (at feeder since mid-Nov.); Tree Sparrow, 26; Song Sparrow, 1. **Total,** 30 species; about 1461 individuals. (Seen in area count period, but not on count day: Hooded Merganser, Ring-necked Pheasant, Northern Shrike, Lapland Longspur, Snow Bunting.)—Phyllis Abbott, Ruth Abbott, Ole Andersen, Bette Brosseau, Awdry and Vi Bryan, Ted and Ellen Chambers, Amy Clarke, Bob and Andrea Cundill, Gerald and Peg Golden, Alan Hickey, Alfred Kelly, Ross Leverette, Rix Lepingwell, Althea Macaulay, Harry Marpole, Keith Pitcairn, Jo Wright (compiler).

9. **Montreal, Que.** (all points within a 15-mile diameter circle, center at intersection of Sherbrooke St. and Decarie Blvd.; St. Lawrence River, islands, inland parks).—Dec. 26; 8:30 a.m. to 4:30 p.m. Some fog, otherwise clear; temp. 17° to 30°; wind SW, 10 m.p.h.; 3-in. crusted snow plus light fresh fall, river mostly iced over. Thirty-six observers in 7 parties. Total party-hours, 38 (31 on foot, 7 by car); total party-miles, 105 (31 on foot, 74 by car). ► Mallard,

25; Black Duck, 1266; **Canvasback, 1**; Common Goldeneye, 2423; Bufflehead, 2; Common Merganser, 107; Red-breasted Merganser, 1; Rough-legged Hawk, 1; Sparrow Hawk, 1; Ruffed Grouse, 2; Ring-necked Pheasant, 20; Great Black-backed Gull, 4; Herring Gull, 74; Ring-billed Gull, 2; Screech Owl, 2; Snowy Owl, 1; Hairy Woodpecker, 5; Downy Woodpecker, 24; Common Crow, 13; Black-capped Chickadee, 128; White-breasted Nuthatch, 13; Brown Creeper, 1; **Brown Thrasher, 1**; Northern Shrike, 2; Starling, 544; House Sparrow, 633; Redwinged Blackbird, 3; **Baltimore Oriole, 1**; Evening Grosbeak, 11; Pine Grosbeak, 4; Common Redpoll, 2; Tree Sparrow, 1; Song Sparrow, 3. **Total,** 33 species; about 5321 individuals. (Seen in area count period, but not on count day: Yellow-shafted Flicker.)—Mr. and Mrs. J. Black, G. Carter, A. Corbeil, J. D. Delafield, J. Earthrowl, D. Garneau, R. Garnett, M. Gmur, L. A. G. Gray, C. Hare, A. Hickey, G. Hibbard, A. W. B. Kelly, A. R. Lepingwell, R. Mattille, Mr. and Mrs. I. A. McLaren, D. Mess, Justice Montgomery, Mrs. M. O. Montgomery, J. M. Montgomery, G. Parsons, Mrs. A. Reekie, Mrs. F. C. P. Roberts, J. W. Robinson, J. A. Rolland, D. Ryan, J. Spence Sales, L. Segal, D. E. Sergeant (compiler), M. Smith, Mr. D. and Mrs. Betty Westerborg, F. Wong, R. Yates (Province of Quebec Society for the Protection of Birds).

10. Quebec, Que. (all points within a 15-mile diameter circle, center St. Augustin; Ste. Foy to Quebec bridge, Plains of Abraham, Quebec seaport to Island of Orleans bridge, Montmorency River, Lévis, Charlesbourg, Orsainville, Quebec Zoological Garden; town suburbs 22%, fields 14%, coniferous forests 8%, deciduous woods 4%, mixed woodlands 39%, shores 13%).—Dec. 26; 7 a.m. to 4 p.m. Partly cloudy; temp. 13° to 23°; wind W, 1-3 m.p.h.; 8-21-in. snow on ground, streams partly open, moderately abundant icefields on St. Lawrence River. Twenty-eight observers in 8 parties. Total party-hours, 46 (39 on foot, 7 by car); total party-miles, 91 (32 on foot, 59 by car). ► Goshawk, 1; Ruffed Grouse, 5; Iceland Gull, 2; Herring Gull, 30; Ring-billed Gull, 1; Hairy Woodpecker, 7; Downy Woodpecker, 4; Black-backed Three-toed Woodpecker, 2; Blue Jay, 29; Common Crow, 8; Black-capped Chickadee, 126; Boreal Chickadee, 4; White-breasted Nuthatch, 3; Red-breasted Nuthatch, 3; Cedar Waxwing, 48; Northern Shrike, 1; Starling, 620; House Sparrow, 972; Evening Grosbeak, 46; Pine Grosbeak, 60; Common Redpoll, 49; White-winged Crossbill, 31. **Total,** 22 species; about 2052 individuals. (Seen in area count period, but not on count day: **Bohemian Waxwing,** Purple Finch.)—Benoit Asselin, Raymond Cayouette, Francois Hamel, Gaston Lepage, Ronald Lepage (Club des Ornithologues).

11. Bancroft, Ont. (all points within a 15-mile diameter circle center Bancroft; mixed woods 40%, spruce bogs 30%, farmland and open fields 20%, town 10%).—Dec. 26; 7:30 a.m. to 4 p.m. Cloudy a.m., snow p.m.; temp. 20° to 30°; no wind; 5-6-in. snow. One observer. Total hours, 8½ (6 on foot, 2½ by car); total miles, 70 (6 on foot, 64 by car). ► Red-tailed Hawk, 1; Ruffed Grouse, 1; **Barred Owl, 1**; Pileated Woodpecker, 1; Hairy Woodpecker, 8; Downy Woodpecker, 8; Blue Jay, 47; Black-capped Chickadee, 49; White-breasted Nuthatch, 14; Red-breasted Nuthatch, 5; Starling, 6; House Sparrow, 42; **Red Crossbill, 9. Total,** 13 species; 192 individuals. —Earl Stark (compiler).

12. Blenheim, Ont. (all points within a 15-mile diameter circle, center south of Blenheim, including Rondeau Park, Erieau, Cedar Springs, Guilds, Morpeth as in former years).—Jan. 2; 8:30 a.m. to 5 p.m. Overcast, mist and rain; temp. 33° to 37°; wind ESE, 10-25 m.p.h.; Rondeau Bay partially frozen, channel open, lake rough. Thirteen observers in 4 parties. Total party-hours, 34 (25 on foot, 9 by car); total party-miles, 112 (32 on foot, 80 by car). ► Great Blue Heron, 1; Black Duck, 3; Redhead, 1; Canvasback, 2; Greater Scaup, 154; Common Goldeneye, 46; Ruddy Duck, 1; Common Merganser, 7; Red-tailed Hawk, 3; Rough-legged Hawk, 4; Bald Eagle, 2; Marsh Hawk, 1; Sparrow Hawk, 2; Ring-necked Pheasant, 2; Great Black-backed Gull, 4; Herring Gull, 800; Ring-billed Gull, 1; Bonaparte's Gull, 7; Mourning Dove, 19; Screech Owl, 3; **Red-bellied Woodpecker, 1** (R.D.U.); Hairy Woodpecker, 6; Downy Woodpecker, 14; Horned Lark, 64; Blue Jay, 29; Common Crow, 22; Black-capped Chickadee, 36; White-breasted Nuthatch, 6; Carolina Wren, 2; Robin, 1; Golden-crowned Kinglet, 4; Starling, 500; House Sparrow, 700; Brown-headed Cowbird, 1; Cardinal, 65; Evening Grosbeak, 16; Am. Goldfinch, 12; Rufous-sided Towhee, 3; Slate-colored Junco, 51; Tree Sparrow, 148; Field Sparrow, **58**; White-throated Sparrow, 14; Song Sparrow, 1; Snow Bunting, 600. **Total,** 44 species; about 3417 individuals. (Seen in area count period, but not on count day: Am. Coot, Long-eared Owl.)—J. A. Begg, Richard Begg, Robin Begg, W. J. Carnahan, Mrs. G. T. Griffith, George McGarvin, Winnifred Smith, Mollie and Dick Ussher, Joseph Vladers, Annalee Wressell, Harry Wressell (compiler), Pat Wressell (Kent Nature Club).

13. Brockville, Ont. (all points within a 15-mile diameter circle, center intersection of King and Broad Streets, including all of Saint Lawrence River within circle as well as part of New York State; open water 20%, farmland 50%, deciduous woodland 20%, coniferous woodland 7%, marsh 1%, urban 2%).—Dec. 27; 7:55 a.m. to 5 p.m. Cloudy, light snow and rain; temp. 24° to 30°; wind ENE, 5-20 m.p.h.; St. Lawrence frozen along edges, 3-5-in. crusted snow. Fourteen observers in 6 parties. Total party-hours, 72 (52 on foot, 20 by car); total party-miles, 358 (58 on foot, 300 by car). ► Black Duck, 58; **Pintail, 1**; Greater Scaup, 2; Common Goldeneye, 1886; Common Merganser, 15; Goshawk, 1; Red-tailed Hawk, 2; Rough-legged Hawk, 2; Sparrow Hawk, 1; Ruffed Grouse, 34; Gray Partridge, 8; Great Black-backed Gull, 5; Herring Gull, 64; Hairy Woodpecker, 13; Downy Woodpecker, 16; Blue Jay, 75; Black-capped Chickadee, 208; White-breasted Nuthatch, 33; Red-breasted Nuthatch, 5; Golden-crowned Kinglet, 1; Northern Shrike, 2; Starling, 76; House Sparrow, 411; Red-winged Blackbird, 1; Evening Grosbeak, 604; Pine Grosbeak, 8; Common Redpoll, 249; Pine Siskin, 1;

Am. Goldfinch, 4; Slate-colored Junco, 19; Tree Sparrow, 63; **White-throated Sparrow, 1;** Song Sparrow, 5; Snow Bunting, 94. **Total,** 34 species; about 5968 individuals.—Walter Ashworth, William Barraclough, Jim Bayly (compiler), Art Bell, Ken Buell, Carolyn Dutka, Martin Edwards, David Hurrie, Mrs. Ivy Jarvie, Matthew Jarvie, Howard Lapp, Mary L'Estrange, Ernest Merriken, William Miller (Brockville Nature Club).

14. Deep River, Ont. (all points within a 15-mile diameter circle, center Deep River).—Dec. 27; 7:30 a.m. to 4:30 p.m. Overcast, snow; temp. 20° to 25°; wind light; 5-in. snow fall, lakes frozen, river partly open. Eight observers in 2 parties. Total party-hours, 16 (11 on foot, 5 by car); total party-miles, 91 (11 on foot, 80 by car). ► Common Goldeneye, 3; Hooded Merganser, 1; Common Merganser, 35; Bald Eagle, 1; Ruffed Grouse, 1; Herring Gull, 2; Barred Owl, 1; Hairy Woodpecker, 9; Downy Woodpecker, 7; Gray Jay, 2; Blue Jay, 44; Common Raven, 68; Black-capped Chickadee, 89; Boreal Chickadee, 2; White-breasted Nuthatch, 8; Red-breasted Nuthatch, 35; Brown Creeper, 3; Starling, 11; House Sparrow, 45; Evening Grosbeak, 47; Pine Grosbeak, 8; Common Redpoll, 25; Am. Goldfinch, 21; Red Crossbill, 49; Slate-colored Junco, 1; Snow Bunting, 50. **Total,** 26 species; about 568 individuals. (Seen in area count period, but not on count day: Pileated Woodpecker, Common Crow, Tree Sparrow.)—F. S. Armstrong, J. H. Collins, C. A. Herriot, P. Lewis, C. H. Millar, I. L. Ophel (compiler), Mrs. W. R. Skelley, W. H. Walker.

15. Fox Point, Ont. (all points within a 15-mile diameter circle center on Highway 35 at Marsh's Falls; lakes 20%, villages 5%, fields 5%, coniferous woods 35%, deciduous woods 35%, 2 feeding stations).—Jan. 1; 6:30 a.m. to 5 p.m. Clear; temp. −10° to 20°; wind W, 5 m.p.h.; lakes frozen, streams mostly frozen, 11-in. snow on ground. Three observers in 1 party. Total party-hours, 8½ (2 on foot, 6½ by car); total party-miles, 86 (3 on foot, 83 by car). ► Hairy Woodpecker, 4; Downy Woodpecker, 6; Blue Jay, 29; Common Raven, 1; Black-capped Chickadee, 61; Boreal Chickadee, 2; White-breasted Nuthatch, 13; Red-breasted Nuthatch, 7; Brown Creeper, 3; Pine Grosbeak, 1; Tree Sparrow, 2; Snow Bunting, 6. **Total,** 12 species; 135 individuals.—F. M. Helleiner, Mrs. J. G. Stephenson, J. G. Stephenson(compiler).

16. Hamilton, Ont. (all points within a 15-mile diameter circle, center York and Dundurn Sts., including Hamilton, Burlington, Dundas, Greensville, Ancaster, Sulphur Springs, Southcote, Hannon, Stoney Creek, Waterdown; pasture 10%, plowland 10%, towns and suburbs 10%, orchards and old fields 15%, mixed woods 30%, marshes 5%, open water 20%).—Dec. 27; 6 a.m. to 5:30 p.m. Overcast with fog and rain; temp. 33° to 37°; wind NE, 2 m.p.h.; visibility 100 yds. or more; ground bare, harbor open. Fifty-two observers in 27 parties. Total party-hours, 135 (114 on foot, 21 by car); total party-miles, 336 (176 on foot, 160 by car). ► Horned Grebe, 2; Great Blue Heron, 2; Mallard, 139; Black Duck, 148; **Pintail, 1; Green-winged Teal, 1**; Redhead, 1; Ring-necked Duck, 1; Greater Scaup, 164; Common Goldeneye, 213; Bufflehead, 48; Oldsquaw, 27; White-winged Scoter, 9; Common Merganser, 4050; Red-breasted Merganser, 21; Red-tailed Hawk, 14; Red-shouldered Hawk, 1; Sparrow Hawk, 5; Ruffed Grouse, 10; Ring-necked Pheasant, 56; Gray Partridge, 10; Glaucous Gull, 5; Great Black-backed Gull, 162; Herring Gull, 5200; Ring-billed Gull, 800; Mourning Dove, 13; Screech Owl, 4; Great Horned Owl, 6; Snowy Owl, 1; Long-eared Owl, 3; Belted Kingfisher, 3; Yellow-shafted Flicker, 2; Pileated Woodpecker, 2; Hairy Woodpecker, 15; Downy Woodpecker, 87; Blue Jay, 90; Common Crow, 315; Black-capped Chickadee, 472; White-breasted Nuthatch, 87; Red-breasted Nuthatch, 8; Brown Creeper, 32; Winter Wren, 12; **Long-billed Marsh Wren, 1; Brown Thrasher, 1**; Robin, 8; Golden-crowned Kinglet, 15; Cedar Waxwing, 73; Northern Shrike, 1; Starling, 900; **Yellowthroat, 1** (adult male); House Sparrow, 1250; Eastern Meadowlark, 9; Redwinged Blackbird, 6; Rusty Blackbird, 17; Common Grackle, 5; Brown-headed Cowbird, 16; Cardinal, 149; Evening Grosbeak, 5; **Hoary Redpoll, 1** (seen well—J.M.); Common Redpoll, 52; Pine Siskin, 13; Am. Goldfinch, 93; **Savannah Sparrow, 1** (J.L.); Slate-colored Junco, 700; Tree Sparrow, 630; Field Sparrow, 3; White-throated Sparrow, 7; Swamp Sparrow, 17; Song Sparrow, 162; Snow Bunting, 8. **Total,** 70 species; about 16,386 individuals. (Seen in area count period, but not on count day: Red-necked Grebe, Canvasback, King Eider, Common Scoter, Cooper's Hawk, Rough-legged Hawk, Iceland Gull, **Yellow-bellied Sapsucker,** Black-backed Three-toed Woodpecker, Horned Lark, Carolina Wren, Hermit Thrush, Purple Finch.)—R. D. Bourne, Kenneth J. Cox, Ted Dinniwell, James A. Dowall, Robert O. Elstone, George Holland, Ralph Idema, Elizabeth LeWarne, George O. McMillan, John B. Miles, Dorothy Jane Miller, John Miller, Albert B. Nind, George W. North (compiler), Laurel E. North, David K. Powell, Robert K. Sargeant, Douglas A. Smith, Robert Stamp, Annette Zealand (Hamilton Naturalists' Club).

17. Kingston, Ont. (all points within a 15-mile diameter circle, center ¼ mile west of Garden Island, including Cataraqui River and Creek, Lake Ontario, St. Lawrence River, Wolfe Island; urban 5%, farmland 25%, mixed woods 15%, marsh 10%, open water 45%).—Dec. 23; 7:30 a.m. to 5 p.m. Cloudy; temp. −5° to 18°; wind N, 0-5 m.p.h.; 2-in. ice-covered snow on ground, most bays frozen. Twenty observers in 6 parties. Total party-hours, 64 (33 on foot, 29 by car, 2 by boat); total party-miles, 377 (49 on foot, 319 by car, 9 by boat). ► Horned Grebe, 1; Mallard, 3; Black Duck, 17; Greater Scaup, 63; Common Goldeneye, 358; Oldsquaw, 20; Common Merganser, 60; Rough-legged Hawk, 1; Bald Eagle, 1; Marsh Hawk, 1; Sparrow Hawk, 6; Ruffed Grouse, 4; Gray Partridge, 14; Am. Coot, 1; Glaucous Gull, **21**; Iceland Gull, 1; Great Black-backed Gull, 77; Herring Gull, 1350; Ring-billed Gull, 16; **Mourning Dove,** 1; Screech Owl, 3; Snowy Owl, 7; Pileated Woodpecker, 1; Hairy Woodpecker, 21; Downy Woodpecker, 29; Blue Jay, 131; Common Crow, 6; Black-

capped Chickadee, 230; White-breasted Nuthatch, 85; Brown Creeper, 5; Robin, 2; Golden-crowned Kinglet, 2; **Ruby-crowned Kinglet, 2**; **Bohemian Waxwing, 1** (at 10 ft.—H.Q.); Northern Shrike, 2; Starling, 900+; **Myrtle Warbler, 1**; House Sparrow, 1035; Brown-headed Cowbird, 3; **Cardinal, 1**; Evening Grosbeak, 27; Am. Goldfinch, 24; Slate-colored Junco, 2; Tree Sparrow, 210; White-throated Sparrow, 1; Song Sparrow, 8; Lapland Longspur, 1; Snow Bunting, 150. **Total,** 48 species; about 4906 individuals. (Seen in area count period, but not on count day: Common Loon, Great Blue Heron, Pintail, Short-eared Owl, Belted Kingfisher, Winter Wren, Cedar Waxwing, Rusty Blackbird, Common Redpoll.) —D. T. Austin, J. Baxter, J. C. Bayly, A. E. Bell, D. M. Crawford, R. W. Davidson, C. Dutka, K. F. Edwards, M. H. Edwards (compiler), F. N. Hainsworth, A. M. Hutchison, A. E. Hyde, W. G. Lamb, M. L'Estrange, P. E. Little, L. H. Lowther, H. R. Quilliam, A. M. Strong, J. A. Warren, G. Woods (Kingston Nature Club).

18. Kirkland Lake, Ont. (all points within a 15-mile diameter circle, center on golf course).—Jan. 3; 6 a.m. to 5 p.m.; temp. 10° to 20°; wind N, 10-25 m.p.h. Eleven observers in 3 parties. Total party-hours, 23 (8 on foot, 15 by car); total party-miles, 157 (14 on foot, 143 by car). ► Common Goldeneye, 1; Common Merganser, 1; Ruffed Grouse, 1; Great Horned Owl, 2; Snowy Owl, 1; **Hawk-Owl, 1**; Pileated Woodpecker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 7; Gray Jay, 23; Blue Jay, 29; Common Raven, 8; Black-capped Chickadee, 47; Boreal Chickadee, 6; Starling, 9; House Sparrow, 30; Evening Grosbeak, 13; Pine Grosbeak, 1; Common Redpoll, 2; White-throated Sparrow, 1; Snow Bunting, 3. **Total,** 21 species; 191 individuals.—Jim Bayly, Mrs. Leonard Bouchard, Ralph Carlson, K. C. Gray, Fred Helleiner, W. Lapp, Percy Richter, Ian Robertson, George Timmins, Jr., Mrs. George Timmins, Frank Washington (compiler) (Kirkland Lake Nature Club).

19. London, Ont. (all points within a 15-mile diameter circle, center in London; cedar swamp 10%, pasture 10%, woodlot 15%, farmland 15%, marsh 20%, river valley 25%, town and suburbs 5%).—Dec. 26; 8 a.m. to 4:30 p.m. Cloudy, drizzle; temp. 36° to 38; wind E, 8 m.p.h.; ground bare, river and streams open. Twenty-seven observers in 11 parties. Total party-hours, 91 (76 on foot, 15 by car); total party-miles, 202 (95 on foot, 107 by car). ► Mallard, 17; Black Duck, 349; Common Goldeneye, 51; Common Merganser, 20; Cooper's Hawk, 1; Red-tailed Hawk, 13; Rough-legged Hawk, 13; Bald Eagle, 2; Marsh Hawk, 1; Sparrow Hawk, 2; Ruffed Grouse, 1; Ring-necked Pheasant, 20; Herring Gull, 38; Ring-billed Gull, 15; Mourning Dove, 90; Screech Owl, 2; Great Horned Owl, 2; Long-eared Owl, 5; Short-eared Owl, 1; Belted Kingfisher, 9; Yellow-shafted Flicker, 1; **Yellow-bellied Sapsucker, 1**; Hairy Woodpecker, 26; Downy Woodpecker, 113; Blue Jay, 46; Common Crow, 9; Black-capped Chickadee, 320; **Tufted Titmouse, 1** (at feeder); White-breasted Nuthatch, 52; Red-breasted Nuthatch, 2; Brown Creeper, 30; Winter Wren, 3; Carolina Wren, 1; **Mockingbird, 1** (at feeder daily); **Brown Thrasher, 1**; Golden-crowned Kinglet, 53; **Ruby-crowned Kinglet, 1**; Cedar Waxwing, 20; Northern Shrike, 1; Starling, 321; **Yellow-throat, 2** (1 each by 2 widely separated parties); **Yellow-breasted Chat, 1** (at feeder for month); House Sparrow, 1259; Cardinal, 247; Purple Finch, 16; Common Redpoll, 7; Am. Goldfinch, 67; Slate-colored Junco, 288; Oregon Junco, 1; Tree Sparrow, 268; White-throated Sparrow, 4; Swamp Sparrow, 11; Song Sparrow, 33; Lapland Longspur, 10; Snow Bunting, 270. **Total,** 55 species; about 4139 individuals. (Seen in area count period, but not on count day: Great Blue Heron, Ring-necked Duck, Am. Coot, Horned Lark, Robin, Evening Grosbeak, Pine Siskin, Field Sparrow.) —A. E. Clendinning, Mrs. A. Cline, M. E. Comfort, F. S. Cook, G. Cummings, Walter Day, Douglas Dow, W. Girling, Brian Hobbs, Carolyn Hobbs, S. G. Hueston, W. Jarmain, Mrs. Margaret Johnston, W. W. Judd, J. C. Laughton, James W. Leach (compiler), Mrs. M. E. Leahy, Charles Maddeford, Ted Maddeford, W. Maddeford, Peter Middleton, H. A. Monro, Gerd Muller, Beryl Thompson, Tony Verboom, V. Vickers, Brian Whitelaw (McIlwraith Ornithological Club).

20. Pickering Township, Ont. (all points within a 15-mile diameter circle, center same as last year; 20 acres of mixed woodland plus 3 miles of country roads with fields 50%, mixed woodlands 50%, several feeding stations).—Dec. 26; 7:30 a.m. to 4:30 p.m. Overcast with snow pellets changing to freezing drizzle; temp. 32°; wind E, 10 m.p.h.; everything becoming coated with ice, ponds frozen. Three observers in 2 parties (1 at feeding station). Total party-hours, 16 (9 on foot, 7 at feeder); total party-miles, 4 (4 on foot). ► Sparrow Hawk, 1; Ruffed Grouse, 1; Long-eared Owl, 1; Hairy Woodpecker, 2; Downy Woodpecker, 4; Blue Jay, 5; Black-capped Chickadee, 20; White-breasted Nuthatch, 3; Cedar Waxwing, 1; House Sparrow, 57; Cardinal, 5; Purple Finch, 15; Am. Goldfinch, 3; Slate-colored Junco, 2; Tree Sparrow, 17; White-throated Sparrow, 1. **Total,** 16 species; 138 individuals. (Seen in area count period, but not on count day: Sharp-shinned Hawk, Great Horned Owl, Brown Thrasher, Hermit Thrush, Starling, Evening Grosbeak, Common Redpoll, Pine Siskin, Oregon Junco.)—Doris H. Speirs (compiler), J. Murray Speirs, Laszlo Szijj.

21. Port Arthur–Fort William, Ont. (all points within a 15-mile diameter circle; mainly frozen lake 8%, peat and muck bogs 12%, residential and industrial areas 12%, farmlands 25%, woodlands of mainly second growth 43%).—Dec. 26; 8 a.m. to 5 p.m. Drizzly and dull; temp. 34° to 35°; wind E, 9 m.p.h.; up to 6-in. snow and ice on ground. Ten observers in 5 parties. Total party-hours, 30 (5 on foot, 25 by car); total party-miles, 243 (5 on foot, 238 by car). ► Common Goldeneye, 4; Pigeon Hawk, 1; Ruffed Grouse, 1; Herring Gull, 669; Ring-billed Gull, 2; Snowy Owl, 2; Hairy Woodpecker, 3; Downy Woodpecker, 16; Gray Jay, 3; Blue Jay, 25; Common Raven, 106; Black-capped Chickadee, 66; Boreal Chickadee, 3; White-breasted Nuthatch, 1; Robin, 1;

Bohemian Waxwing, 30; Northern Shrike, 1; Starling, 1095; House Sparrow, 1813; Evening Grosbeak, 19; Pine Grosbeak, 55; Common Redpoll, 103. **Total,** 22 species; about 4019 individuals. (Seen in area count period, but not on count day: **Mockingbird,** Snow Bunting.)—Dr. and Mrs. A. E. Allin, Mrs. Eva Beckett, Keith Denis (compiler), Joan Hebden, D. B. McKillop, Ian Robb, R. Robb, S. Robb, Marion Smith (Thunder Bay Field Naturalists' Club).

22. St. Thomas, Ont. (all points within a 15-mile diameter circle, center same as last year).—Dec. 26; 7:30 a.m. to 5:30 p.m. Overcast, rain, fog; temp. 35° to 40°; wind SW, 10 m.p.h.; ground bare, streams partly frozen, Lake Erie mostly clear of ice. Forty-five observers in 11 parties. Total party-hours, 88 (22 on foot, 66 by car); total party-miles, 275 (100 on foot, 175 by car). ► Canada Goose, **1232**; Mallard, 228; Black Duck, 1395; Common Goldeneye, 26; Hooded Merganser, 1; Sharp-shinned Hawk, 3; Red-tailed Hawk, 13; Bald Eagle, 3; Marsh Hawk, 1; Sparrow Hawk, 4; Ruffed Grouse, **36**; Bobwhite, 18; Ring-necked Pheasant, 4; Herring Gull, 347; Ring-billed Gull, 11; Mourning Dove, 40; Screech Owl, 1; Long-eared Owl, 8; Belted Kingfisher, 5; Yellow-shafted Flicker, 3; Pileated Woodpecker, 2; Hairy Woodpecker, 18; Downy Woodpecker, 143; Horned Lark, 9; Blue Jay, 84; Common Crow, 7; Black-capped Chickadee, **532**; White-breasted Nuthatch, 47; Red-breasted Nuthatch, 7; Brown Creeper, 12; Winter Wren, 3; Carolina Wren, 7; **Catbird, 1** (at feeder 2 weeks); **Brown Thrasher, 1** (L.A.); Robin, 4; **Hermit Thrush, 1** (J.L.); Golden-crowned Kinglet, 106; Starling, 1025; **Myrtle Warbler, 1** (seen and heard—M.F.); **Yellowthroat, 1** (seen well—J.L.); House Sparrow, 1014; Eastern Meadowlark, 1; **Redwinged Blackbird, 1**; Common Grackle, 4; Brown-headed Cowbird, 5; Cardinal, 224; Purple Finch, 5; Common Redpoll, 15; Am. Goldfinch, 305; Rufous-sided Towhee, 1; Vesper Sparrow, **12**; Slate-colored Junco, 363; **Oregon Junco, 1** (carefully identified—M.F.); Tree Sparrow, 527; Field Sparrow, 27; **White-crowned Sparrow, 3**; White-throated Sparrow, 8; Swamp Sparrow, 1; Song Sparrow, 40. **Total,** 59 species; about 7947 individuals.—Eric Allan, Lloyd Auckland, Fred Bell, Marshall Field (compiler), Russel Foster, Mrs. M. Kennedy, John Lemon, Fred Lewis, Ruth Marr, Ron Prevett, Verne Smith, George Thorman (St. Thomas Field Naturalists' Club).

23. Sarnia, Ont. (all points within a 15-mile diameter circle, center at junction of River and Lake Shore Roads; pasture 10%, conifers 10%, marsh 15%, orchards and farm lots 20%; 45%—?—Ed.).—Dec. 27; 9 a.m. to 5 p.m. Overcast, fog; temp. 41° to 54°; wind 5-15 m.p.h.; river, creeks and ponds open, no snow. Eight observers in 2 parties. Total party-hours, 16 (6 on foot, 10 by car); total party-miles, 150 (15 on foot, 135 by car). ► Black Duck, 6; Redhead, 10; Canvasback, 12; Lesser Scaup, 12; Common Goldeneye, 300; Hooded Merganser, 1; Common Merganser, 30; Red-breasted Merganser, 100; Red-tailed Hawk, 2; Rough-legged Hawk, 8; Marsh Hawk, 5; Sparrow Hawk, 5; Bobwhite, 14; Ring-necked Pheasant, 16; Glaucous Gull, 1; Herring Gull, 526; Mourning Dove, 95; Snowy Owl, 1; Yellow-shafted Flicker, 1; Red-headed Woodpecker, 1; Downy Woodpecker, 13; Blue Jay, 50; Common Crow, 18; Black-capped Chickadee, 70; Tufted Titmouse, 1; White-breasted Nuthatch, 9; Brown Creeper, 1; Northern Shrike, 1; Starling, 500+; Myrtle Warbler, 1; House Sparrow, 500+; Cardinal, 24; Purple Finch, 6; Pine Siskin, 25; Am. Goldfinch, 4; Slate-colored Junco, 2; Tree Sparrow, 80. **Total,** 37 species; about 2451 individuals.—Angus Buchanan (compiler), James Carscallen, Robert Denomy, John Hext, David Johnston, John Partington, Arthur Storey, Trevor K. Storey.

24. Sault Ste. Marie, Ont. (all points within a 15-mile diameter circle, center Collegiate High School).—Dec. 26; 8 a.m. to 5 p.m. [weather?; temp.?; wind?—Ed.] Six observers in 3 parties. Total party-hours, 10 (7 on foot, 3 by car); total party-miles, 10 (4 on foot, 6 by car). ► Mallard, 6; Common Goldeneye, 21; Ruffed Grouse, 1; Herring Gull, 5; Blue Jay, 5; Common Raven, 2; Black-capped Chickadee, 17; Starling, 10; House Sparrow, 3; Evening Grosbeak, 3; Lapland Longspur, 1. **Total,** 11 species; 74 individuals.—R. Dennison, J. Graham, B. Jeffrey, J. McPhail, A. Nattress, G. Stehr (compiler) (Sault Naturalists' Club).

25. Toronto, Ont. (all points within a 15-mile diameter circle, center museum, including lake front from Mimico Creek to Fallingbrook Rd., Humber River to Thistletown, Don River to Thornhill; lake surface 10%, city 25%, suburbs 30%, farmlands 25%, woodlots 8%, marsh 2%).—Dec. 27; 8 a.m. to 5 p.m. Freezing drizzle, fog; temp. 32° to 32°; no wind; countryside ice-covered. Twenty-eight observers in 16 parties. Total party hours, 46 (40 on foot, 6 by car); total party-miles, 111 (51 on foot, 60 by car). ► Mallard, 862; Black Duck, 785; Green-winged Teal, 1; Am. Widgeon, 5; Greater Scaup, 2451; Lesser Scaup, 12; Common Goldeneye, 37; Bufflehead, 101; Oldsquaw, 275; Common Merganser, 4; Red-breasted Merganser, 1; Goshawk, 1; Red-tailed Hawk, 17; Rough-legged Hawk, 2; Ruffed Grouse, 12; Ring-necked Pheasant, 101; Killdeer, 2; Glaucous Gull, 4; Iceland Gull, 1; Great Black-backed Gull, 2; Herring Gull, 1235; Ring-billed Gull, 353; Mourning Dove, 7; Screech Owl, 2; Great Horned Owl, 6; Long-eared Owl, 12; Belted Kingfisher, 4; Hairy Woodpecker, 50; Downy Woodpecker, 95; Blue Jay, 57; Common Crow, 15; Black-capped Chickadee, 474; White-breasted Nuthatch, 81; Red-breasted Nuthatch, 2; Brown Creeper, 7; Winter Wren, 4; **Mockingbird, 1**; Brown Thrasher, 1; Robin, 3; Hermit Thrush, 4; Golden-crowned Kinglet, 12; Cedar Waxwing, 1; Northern Shrike, 1; Starling, 867; Myrtle Warbler, 3; House Sparrow, 905; Redwinged Blackbird, 6; **Baltimore Oriole, 1**; Rusty Blackbird, 2; Brown-headed Cowbird, 5; Cardinal, 67; Evening Grosbeak, 3; Purple Finch, 6; Common Redpoll, 10; Pine Siskin, 21; Am. Goldfinch, 106; Rufous-sided Towhee, 2; **Vesper Sparrow, 1**; Slate-colored Junco, 387; **Oregon Junco, 1**; Tree Sparrow, 386; White-throated Sparrow, 10; Swamp Sparrow, 5; Song Sparrow, 54. **Total,** 64 species; about 9951 individuals.—Gerry

Bennett, Len Butcher, Paddy Carrey, Arnold Dawe, John Dex, Mildred Ellis, George Fairfield, Ted Farley, A. Gatti, Clive Goodwin, Hughe Halliday, Dave Hussell, Reg James, Jack Livingston, Ruth Marshall, Ralph McCleary, T. F. McIlwraith, D. C. Pace, Ray Pannell, Jack Purkis, Jack Sherrin, Terry Shortt, Earl Stark (compiler), A. Telfer, Walter Tovell, John Walty, Bill Wasserfall, Jim Woodford (Toronto Ornithological Club).

26. West Elgin, Ont. (all points within a 15-mile diameter circle, center 1 mile north of West Lorne).—Jan. 2; 6:30 a.m. to 5:30 p.m. Overcast, rain p.m.; temp. 30° to 40°; wind SW, 3-8 m.p.h.; water open, trace of snow on ground. Twenty observers in 5 parties. Total party-hours, 43 (28 on foot, 15 by car); total party-miles, 220 (42 on foot, 178 by car). ► Great Blue Heron, 1; Mallard, 1; Common Goldeneye, 374; **Bufflehead, 22**; **Oldsquaw, 1** (carefully identified); Common Merganser, 1; Red-breasted Merganser, 1; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 15; Rough-legged Hawk, 1; Bald Eagle, 5; Marsh Hawk, 4; Sparrow Hawk, 1; Ruffed Grouse, 5; Bobwhite, 66; Ring-necked Pheasant, 2; Herring Gull, 166; Ring-billed Gull, 15; Bonaparte's Gull, 1; Mourning Dove, 77; Screech Owl, 3; Great Horned Owl, 1; **Snowy Owl, 1**; Long-eared Owl, 1; Short-eared Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 5; Pileated Woodpecker, 4; Red-bellied Woodpecker, 2; Hairy Woodpecker, 7; Downy Woodpecker, 90; Horned Lark, 31; Blue Jay, 23; Common Crow, 3; Black-capped Chickadee, 274; White-breasted Nuthatch, 28; Red-breasted Nuthatch, 3; Brown Creeper, 7; Winter Wren, 1; **Mockingbird, 1**; Robin, 3; Golden-crowned Kinglet, 29; **Ruby-crowned Kinglet, 1**; Cedar Waxwing, 1; Starling, 42; House Sparrow, 451; **Common Grackle, 19**; Brown-headed Cowbird, **15**; Cardinal, 190; Evening Grosbeak, 5; Purple Finch, 21; Common Redpoll, **186**; Am. Goldfinch, 233; Rufous-sided Towhee, 4; Slate-colored Junco, 284; **Oregon Junco, 1** (carefully studied); Tree Sparrow, 447; Field Sparrow, 1; White-throated Sparrow, **12**; Swamp Sparrow, 1; Song Sparrow, 29; Lapland Longspur, 2; Snow Bunting, **1057. Total,** 64 species; about 4284 individuals.—L. Aukland, W. Baker, T. Durnford, C. Field, M. Field, F. Graff, S. Glidden, R. Hopper, D. Johnson, J. Lemon, R. E. Lemon, V. E. Lemon, D. Murray (compiler), D. Mylrea, B. Poag, P. Prevett, R. Prevett, J. Shostock, B. Stanley, T. Stanley, G. Vogan.

27. Westport, Ont. (all points within a 15-mile diameter circle, center at village municipal office; farmland 15%, lakes 20%, marshes 5%, deciduous woodland 40%, mixed woodland 18%, Red Cedar groves 2%).—Jan. 3; 7:30 a.m. to 4:30 p.m. Overcast; temp. 38° to 30°; wind SW, 5-10 m.p.h.; 2-ft. snow on ground, lakes frozen. Eleven observers in 4 parties. Total party-hours, 28 (16 on foot, 12 by car); total party-miles, 191 (22 on foot, 169 by car). ► Mallard, 1; Common Goldeneye, 1; Common Merganser, 1; Goshawk, 1; Rough-legged Hawk, 2; Bald Eagle, 1; Pileated Woodpecker, 2; Hairy Woodpecker, 6; Downy Woodpecker, 10; Blue Jay, 38; Common Crow, 1; Black-capped Chickadee, 145; White-breasted Nuthatch, 13; Winter Wren, 1; Starling, 17; House Sparrow, 126; Evening Grosbeak, 56; Pine Grosbeak, 71; Common Redpoll, 40; Am. Goldfinch, 8; Slate-colored Junco, 10; Tree Sparrow, 34; Song Sparrow, 1; Snow Bunting, 17. **Total,** 24 species; about 603 individuals.—L. Cliff, M. Edwards, F. Hainsworth, G. Hainsworth, M. L'Estrange, P. Little, L. Lowther, N. Mansfield, D. Morra, D. Roberts, A. Strong (compiler).

28. Kamsack–Madge Lake, Sask. (all points within a 15-mile diameter circle, center southwest corner of Duck Mountain Provincial Park; mixed woods of park 25%, deciduous woodland 25%, open farmland 50%).—Jan. 1; 8 a.m. to 6 p.m. Overcast; temp. 10° to 15°; wind N, 5-15 m.p.h.; 15-in. snow on ground. Five observers in 1 party. Total party-hours, 10 (2 on foot, 8 by car); total party-miles, 48 (2 on foot, 46 by car). ► Golden Eagle, 1; Ruffed Grouse, 12; Hairy Woodpecker, 1; Downy Woodpecker, 3; Northern Three-toed Woodpecker, 1; Gray Jay, 6; Blue Jay, 11; Black-billed Magpie, 15; Common Raven, 1; Black-capped Chickadee, 20; Bohemian Waxwing, 86; House Sparrow, 47; Evening Grosbeak, 7; Pine Grosbeak, 12; Common Redpoll, 74; **White-throated Sparrow, 1** (at grain feeder); Snow Bunting, 112. **Total,** 17 species; about 410 individuals.—Gary Anweiler, Bill Horseman, Dr. and Mrs. Stuart Houston (compilers), Jacob H. Jmaeff.

29. Saskatoon, Sask. (all points within a 15-mile diameter circle, center 2 miles south of city limits, to include entire metropolitan area, wooded banks of South Saskatchewan River for 16 miles, airport, Forest Experimental Research Station; woodland 5%, mixed farming and pasture country 90%, city 5%).—Dec. 26; 8 a.m. to 4:30 p.m. Overcast, light snow; temp. 20° to 22°; wind NW, 10 m.p.h.; ground with 8-in. snow. Twenty-three observers in 6 parties. Total party-hours, 22 (10 on foot, 12 by car); total party-miles, 123 (9 on foot, 114 by car). ► Mallard, 9; Pigeon Hawk, 1; Gray Partridge, 23; Blue Jay, 2; Black-billed Magpie, 35; Black-capped Chickadee, 17; Bohemian Waxwing, 148; Northern Shrike, 2; Starling, 2; House Sparrow, 775; Brewer's Blackbird, 1; Pine Grosbeak, 19; Hoary Redpoll, 2; Common Redpoll, 523; Snow Bunting, 1. **Total,** 15 species; about 1560 individuals. (Seen in area count period, but not on count day: Yellow-shafted Flicker.)—Ronald M. Bremner (compiler), J. Frank Roy.

30. Yorkton, Sask. (all points within a 15-mile diameter circle, center Yorkton as in previous years).—Dec. 26; 8 a.m. to 5 p.m. Snowing steadily; temp. 24°; wind N, 10 m.p.h.; 10-in. snow on ground. Ten observers in 4 parties. Total party-hours, 15 (5 on foot, 10 by car); total party-miles, 79 (8 on foot, 71 by car). ► Ruffed Grouse, 7; Gray Partridge, 16; Great Horned Owl, 2; Downy Woodpecker, 1; Black-billed Magpie, 8; Black-capped Chickadee, 14; Bohemian Waxwing, 6; House Sparrow, 1156; Common Redpoll, 119; Snow Bunting, 169. **Total,** 10 species; about 1498 individuals. (Seen in area count period, but not on count day: Hairy Woodpecker.)—Gary Anweiler, Henry Chilman, Jr., Art Gellert,

Dr. and Mrs. Stuart Houston (compilers), Phil Pawluck, Elwood Sharpe, Jeff Smith, Donald Swaby, Frank Switzer (Yorkton Natural History Society).

31. **Banff National Park, Alta.** (all points within a 15-mile diameter circle, center Banff townsite; from eastern park entrance to Johnston Canyon road, including Bow Falls, Vermilion Lakes, Upper Hot Springs, Cave and Basin, Tunnel Mountain road; grassland 10%, coniferous forest 50%, river and lakes 15%, mixed woods 10%, residential 15%).—Jan. 2; 8:30 a.m. to 4:30 p.m. Overcast, snow flurries; temp. 5° to 10°; wind NNW, 5-20 m.p.h.; 6-in. snow on level, Bow River open, lakes frozen. Eight observers in 3 parties. Total party-hours, 20 (6 on foot, 14 by car); total party-miles, 90 (8 on foot, 72 by car). ► Mallard, 10; Common Goldeneye, 10; Golden Eagle, 1; **Common Snipe, 1**; Gray Jay, 7; Black-billed Magpie, 31; Clark's Nutcracker, 10; Black-capped Chickadee, 6; Mountain Chickadee, 9; Boreal Chickadee, 5; Dipper, 4; **Townsend's Solitaire, 2**; Bohemian Waxwing, 2; House Sparrow, 71; Common Redpoll, 1; Snow Bunting, 200. **Total,** 16 species; about 370 individuals.—E. D. Beacham (compiler), J. Beacham, O. Boggs, D. Dekker, I. Halladay, C. Hitchon, K. Hodges, I. Vickery (Calgary Bird Club).

32. **Calgary, Alta.** (all points within a 15-mile diameter circle, center on Louise Bridge and Bow River, including Inglewood Sanctuary, Bowness Park, Spruce Cliff, Glenmore Reservoir, St. Georges Island, Prince's Island, Bow and Elbow Rivers, prairie farmland; prairie 50%, residential, parks and sanctuary 25%, river banks and reservoir 10%, deciduous woods 10%, coniferous woods 5%).—Jan. 3; 8:30 a.m. to 4:30 p.m. Overcast, snow after 4 p.m.; temp. -12° to 25°; wind N, 8 m.p.h.; 6-in. snow, drifts 3 ft., rivers partly open. Eight observers in 5 parties. Total party-hours, 29 (14 on foot, 15 by car); total party-miles, 171 (9 on foot, 162 by car). ► Mallard, 1727; Pintail, 3; **Cinnamon Teal, 1** (injured bird); Common Goldeneye, 45; Common Merganser, 6; Rough-legged Hawk, 1; **Gyrfalcon, 1** (seen well—D.D.); Pigeon Hawk, 2; Ruffed Grouse, 1; Ring-necked Pheasant, 18; Gray Partridge, 47; Snowy Owl, 2; Short-eared Owl, 2; **Yellow-shafted Flicker, 1**; Downy Woodpecker, 1; **Northern Three-toed Woodpecker, 1**; Black-billed Magpie, 94; Black-capped Chickadee, 20; Golden-crowned Kinglet, 2; Bohemian Waxwing, 204; Northern Shrike, 1; Starling, 17; House Sparrow, 849; Common Redpoll, 162; Snow Bunting, 106. **Total,** 25 species; about 3314 individuals. (Seen in area count period, but not on count day: Sparrow Hawk, Hoary Redpoll.)—E. Beacham (compiler), F. Bell, D. Dekker, I. Halladay, C. Hitchon, W. McKay, V. Morrisson, I. Vickery (Calgary Bird Club).

33. **Edmonton, Alta.** (all points within a 15-mile diameter circle, center at municipal airport, includes St. Albert, east end of Big Lake, Winterburn, Whitemud Creek, Clover Bar, Sturgeon River valley and North Saskatchewan River within circle).—Dec. 27; 8:30 a.m. to 5:30 p.m.; temp. 20° to 31°; wind SE, 8 m.p.h. Twenty-four observers in 9 parties. Total party-hours, 41 (28 on foot, 13 by car); total party-miles, 169 (35 on foot, 134 by car). ► Mallard, 45; Common Goldeneye, 3; Common Merganser, 1; Pigeon Hawk, 2; Ruffed Grouse, 14; Ring-necked Pheasant, 29; Gray Partridge, 21; Great Horned Owl, 1; Yellow-shafted Flicker, 2; Pileated Woodpecker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 11; Gray Jay, 2; Blue Jay, 25; Black-billed Magpie, 190; Common Crow, 1; Black-capped Chickadee, 157; Boreal Chickadee, 9; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 1; Brown Creeper, 7; Robin, 1; Golden-crowned Kinglet, 1; Bohemian Waxwing, 2950; Starling, 25; House Sparrow, 325; Evening Grosbeak, 11; Pine Grosbeak, 17; Hoary Redpoll, 44; Common Redpoll, 194; Red Crossbill, 4; White-winged Crossbill, 49; Slate-colored Junco, 1. **Total,** 33 species; about 4150 individuals.—A. Allan, A. Blades, M. Boyd, L. Burgess, H. Campbell, M. Clarke, M. Forge, C. Hampson, M. Hampson, R. Heath, P. Demulder, E. Jones, B. Lang, Mr. Laubental, R. Lister, R. Lumsden, A. MacGregor, N. Montgomery, H. Pegg, M. Steele (compiler), P. Thompson, R. Turner, R. Walker, J. Williams (Edmonton Bird Club).

34. **Raven, Alta.** (all points within a 15-mile diameter circle, center on crossroads 1 mile north of Arrowhead Ranch; open farming country 50%, deciduous woods 25%, spruce and pine woods 25%).—Dec. 26; 8 a.m. to 5 p.m. Clear; temp. 28° to 30°; no wind; 6-in. snow on ground, several open spots in streams. Five observers in 1 party. Total party-hours, 9 (3 on foot, 6 by car); total party-miles, 55 (5 on foot, 50 by car). ► Goshawk, 1; Rough-legged Hawk, 1; Ruffed Grouse, 11; Sharp-tailed Grouse, 38; Great Horned Owl, 2; Pileated Woodpecker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 4; Gray Jay, 2; Blue Jay, 8; Black-billed Magpie, 45; Black-capped Chickadee, 40; Boreal Chickadee, 8; Dipper, 1; Northern Shrike, 2; House Sparrow, 198; Pine Grosbeak, 2; Hoary Redpoll, 6; Common Redpoll, 122; White-winged Crossbill, 1; Snow Bunting, 350. **Total,** 21 species; about 844 individuals.—Mr. and Mrs. Max Berretti, Peter G. Keith, Ronalda Keith, Stuart Keith (compiler).

35. **Ladner, B. C.** (all points within a 15-mile diameter circle, center at intersection on Goudy Rd. 1¾ miles south of Ladner Trunk Rd., including peninsula of Pt. Roberts, Wash., municipality of Delta, shores of Georgia Strait, Boundary Bay, Fraser River; salt water 40%, dyked farmland 20%, peat bog 15%, marshes and shores 15%, upland conifer 5%, suburban 5%).—Jan. 2; 7:20 a.m. to 4:40 p.m. Snow and drizzle a.m. clearing p.m.; temp. 31° to 42°; wind variable, light; ground briefly snow-covered a.m., later bare, flooded fields and ponds frozen. Fourteen observers in 11 parties. Total party-hours, 89 (76 on foot, 3 by car, 10 by bicycle); total party-miles, 174 (109 on foot, 16 by car, 49 by bicycle). ► Common Loon, 24; Arctic Loon, 5; Red-throated Loon, 21; loon (sp.), 55; Red-necked Grebe, 26; Horned Grebe, 49; Eared Grebe, 1; Western Grebe, 150; Double-crested Cormorant, 51; Brandt's Cormorant, 5; Pelagic Cormorant, 29; cormorant (sp.),

93; Great Blue Heron, 69; Black Brant, 511; Snow Goose, 17; Mallard, 627; Pintail, 5580; Green-winged Teal, 1807; Am. Widgeon, 13,611; Greater Scaup, 1024; Lesser Scaup, 4; Common Goldeneye, 75; Barrow's Goldeneye, 64; Bufflehead, 130; Oldsquaw, 198; Harlequin Duck, 17; White-winged Scoter, 112; Surf Scoter, 352; Common Scoter, 65; Common Merganser, 7; Red-breasted Merganser, 69; duck (sp.), 8000+; Sharp-shinned Hawk, 4; Cooper's Hawk, 4; Red-tailed Hawk, 3; Rough-legged Hawk, 1; Bald Eagle, 2; Marsh Hawk, 10; Peregrine Falcon, 2; Sparrow Hawk, 3; Ruffed Grouse, 4; California Quail, 8; Ring-necked Pheasant, 99; **Gray Partridge, 14** (W.M.H.); Am. Coot, 20; Killdeer, 248; Black-bellied Plover, 74; Black Turnstone, 90; Common Snipe, 39; Dunlin, **26,814+**; Sanderling, 143; Glaucous-winged Gull, 2354; Herring Gull, 9 (W.M.H.); Mew Gull, 879; Bonaparte's Gull, 2; Common Murre, 123; Pigeon Guillemot, 28; Marbled Murrelet, 11; **Mourning Dove, 1** (G.M.); Short-eared Owl, 25; Belted Kingfisher, 4; Red-shafted Flicker, 126; Pileated Woodpecker, 4; Hairy Woodpecker, 3; Downy Woodpecker, 15; Horned Lark, 24; Common Raven, 2; Northwestern Crow, 303; Blacked-capped Chickadee, 187; Chestnut-backed Chickadee, 11; Common Bushtit, 46; Red-breasted Nuthatch, 12; Brown Creeper, 10; Winter Wren, 67; Bewick's Wren, 25; Long-billed Marsh Wren, 1; Robin, 974; Varied Thrush, 1; Golden-crowned Kinglet, 179; Ruby-crowned Kinglet, 54; **Water Pipit, 6** (W.M.); Cedar Waxwing, 18; Northern Shrike, 8; Starling, 5475; Crested Myna, 16; **Audubon's Warbler, 1** (J.G.S.); House Sparrow, 1409; Western Meadowlark, 133; Redwinged Blackbird, 16; Brewer's Blackbird, 2107; **Brown-headed Cowbird, 1** (carefully identified—J.G.S.); Purple Finch, 63; House Finch, 561; Common Redpoll, 13; Pine Siskin, 243; Am. Goldfinch, **42**; Red Crossbill, 18 (regular this month); Rufous-sided Towhee, 188; Oregon Junco, 648; White-crowned Sparrow, 134; Golden-crowned Sparrow, 22; Fox Sparrow, 18; Song Sparrow, 792; **Lapland Longspur, 44** (experienced observer); Snow Bunting, 6. **Total,** 102 species; more than 77,892 individuals.—J. Cartwright, R. Drent, A. J. Erskine (compiler), F. Gornall, Mr. and Mrs. W. Hesse, W. M. Hughes, G. Mackay, W. Merilees, A. Muir, Rosamond Ross, J. G. Sarles, Betty Wise, Gwen Wright.

36. Vancouver, B. C. (all points within a 15-mile diameter circle, center on Broadway West and Granville Street, including Vancouver, North Vancouver, parts of Burnaby, West Vancouver, Richmond, part of Burrard Inlet, North Arm of Fraser River; salt water 30%, shores 3%, marsh 3%, open fields 8%, built-up areas 42%, city parks 7%, coniferous forests 7%).—Dec. 27; 7:30 a.m. to 4:30 p.m. Overcast, some rain and drizzle; temp. 42° to 48°; wind SE to NE, light. Forty-one observers in 16 parties. Total party-hours, 133 (88 on foot, 40 by car, 2 on bicycle, 3 by canoe); total party-miles, 247 (157 on foot, 75 by car, 10 on bicycle, 5 by canoe). ► Common Loon, 71; Arctic Loon, 2; Red-throated Loon, 3; Red-necked Grebe, 27; Horned Grebe, 63; Eared Grebe, 14; Western Grebe, 2003; Pied-billed Grebe, 1; Double-crested Cormorant, 72; Pelagic Cormorant, 67; Great Blue Heron, 35; Canada Goose, 60; Mallard, 1641; Pintail, 7; Green-winged Teal, 4; Am. Widgeon, 166; Shoveler, 6; Wood Duck, 3; Ring-necked Duck, 1; Canvasback, 4; Greater Scaup, 4706; Lesser Scaup, 3; Common Goldeneye, 75; Barrow's Goldeneye, 438; Bufflehead, 229; Oldsquaw, 144; Harlequin Duck, 10; White-winged Scoter, 243; Surf Scoter, 2968; Common Scoter, 110; Ruddy Duck, 5; Hooded Merganser, 3; Common Merganser, 33; Red-breasted Merganser, 477; Turkey Vulture, 1; Sharp-shinned Hawk, 4; Cooper's Hawk, 2; Rough-legged Hawk, 1; Bald Eagle, 3; Marsh Hawk, 4; Peregrine Falcon, 1; Pigeon Hawk, 1; Sparrow Hawk, 2; Blue Grouse, 2; Ruffed Grouse, 1; Ring-necked Pheasant, 49; Am. Coot, 367; Killdeer, 74; Black-bellied Plover, 4; Black Turnstone, 175; Common Snipe, 2; Dunlin, 2220; Sanderling, 81; Glaucous-winged Gull, 35,442; Herring Gull, 558; Mew Gull, 8043; Bonaparte's Gull, 2; Common Murre, 31; Pigeon Guillemot, 75; Marbled Murrelet, 5; Ancient Murrelet, 3; Short-eared Owl, 11; Saw-whet Owl, 1; Belted Kingfisher, 6; Red-shafted Flicker, 139; Pileated Woodpecker, 2; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 8; Downy Woodpecker, 5; Horned Lark, 17; Steller's Jay, 7; Common Raven, 4; Northwestern Crow, 539; Black-capped Chickadee, 240; Chestnut-backed Chickadee, 28; Red-breasted Nuthatch, 2; Brown Creeper, 12; Winter Wren, 72; Bewick's Wren, 21; Robin, 1160; Varied Thrush, 3; Golden-crowned Kinglet, 92; Ruby-crowned Kinglet, 31; Cedar Waxwing, 78; Northern Shrike, 2; Starling, 39,671; Crested Myna, 312; Hutton's Vireo, 1; House Sparrow, 1666; Western Meadowlark, 36; Redwinged Blackbird, 1; Brewer's Blackbird, 1731; Evening Grosbeak, 7; Purple Finch, 270; House Finch, 629; Pine Siskin, 2931; Am. Goldfinch, 6; Red Crossbill, 31; Rufous-sided Towhee, 127; Slate-colored Junco, 4; Oregon Junco, 621; White-crowned Sparrow, 69; Golden-crowned Sparrow, 17; Fox Sparrow, 14; Song Sparrow, 701. **Total,** 105 species; about 112,176 individuals. (Seen in area count period, but not on count day: Townsend's Warbler.)—Rudi Drent, A. J. Erskine, Jenet Erskine, Hilda Hesse, Werner Hesse, William M. Hughes (compiler), W. Merliees, Rosamond Ross, Dominic Point.

37. Victoria, B. C. (all points within a 15-mile diameter circle, center on Burnside Road, including coast from Witty's Lagoon to Island View Beach, lower part of Saanich Peninsula, Malahat, Goldstream Flats, Elk Lake, Beaver Lake; salt-water shoreline 40%, coniferous woodland 30%, farmland 15%, suburban area, 10%, lakes 3%, marsh 1%, tidal flats 1%).—Jan. 2; 8 a.m. to 5 p.m. Snow; temp. 38° to 41°; wind NNW, 10 m.p.h.; 2-in. snowfall, poor visibility. Twenty-five observers in 11 parties. Total party-hours, 85 (71 on foot, 14 by car); total party-miles, 277 (56 on foot, 221 by car). ► Common Loon, 40; Arctic Loon, 7; Red-throated Loon, 15; Red-necked Grebe, 37; Horned Grebe, 186; Eared Grebe, 123; Western Grebe, 1696; Pied-billed Grebe, 16; Double-crested Cormorant, 58; Brandt's Cormorant, 26; Pelagic Cormorant, 92; Great Blue Heron, 10; Canada Goose, 73; White-fronted Goose, 2; Mallard, 1359; Pintail, 174; Green-winged Teal, 454;

European **Widgeon, 1**; Am. Widgeon, 4590; Shoveler, 476; Wood Duck, 1; Ring-necked Duck, **288**; Canvasback, 57; Greater Scaup, 1661; Lesser Scaup, 35; Common Goldeneye, 181; **Barrow's Goldeneye,** 3; Bufflehead, 543; Oldsquaw, 72; Harlequin Duck, 83; White-winged Scoter, 227; Surf Scoter, 323; Common Scoter, 8; Ruddy Duck, 46; Hooded Merganser, 36; Common Merganser, 52; Red-breasted Merganser, 94; Sharp-shinned Hawk, 3; Cooper's Hawk, 1; Red-tailed Hawk, 9; Bald Eagle, 4; **Marsh Hawk, 1** (carefully identified); **Pigeon Hawk, 2**; Ruffed Grouse, 1; California Quail, 428; Ring-necked Pheasant, 44; Am. Coot, 493; Black Oystercatcher, 17; Killdeer, 196; Black-bellied Plover, 33; Surfbird, 1; Black Turnstone, 71; Common Snipe, 8; **Whimbrel, 2**; Greater Yellowlegs, 3; Rock Sandpiper, 51; Dunlin, 54; Sanderling, 1; Glaucous-winged Gull, 3438; Herring Gull, 22; Mew Gull, 677; Common Murre, 217; Pigeon Guillemot, 20; Marbled Murrelet, 4; **Rhinoceros Auklet, 1**; Screech Owl, 1; Belted Kingfisher, 13; **Yellow-shafted Flicker, 1** (carefully identified); Red-shafted Flicker, 112; Pileated Woodpecker, 5; **Lewis' Woodpecker, 1** (carefully identified); Hairy Woodpecker, 3; Downy Woodpecker, 9; **Skylark, 45**; Steller's Jay, 3; Common Raven, 32; Northwestern Crow, 668; Chestnut-backed Chickadee, 160; Common Bushtit, 125; Red-breasted Nuthatch, 11; Brown Creeper, 11; Winter Wren, 71; Bewick's Wren, 30; **Long-billed Marsh Wren, 2**; Robin, 5535; Varied Thrush, 20; Hermit Thrush, 2; Western Bluebird, **55**; Golden-crowned Kinglet, 323; Ruby-crowned Kinglet, 17; Cedar Waxwing, 505; Starling, 519; House Sparrow, 275; Western Meadowlark, 61; Brewer's Blackbird, 256; Purple Finch, 37; House Finch, 125; Pine Siskin, 353; Red Crossbill, **76**; Rufous-sided Towhee, 62; **Savannah Sparrow, 1**; Oregon Junco, 523; White-crowned Sparrow, 10; Golden-crowned Sparrow, 36; Fox Sparrow, 9; Song Sparrow, 107. **Total,** 106 species; about 29,158 individuals. (Seen in area count period, but not on count day: Goshawk, **Golden Eagle,** Peregrine Falcon, **Virginia Rail, Glaucous Gull, Ring-billed Gull,** Ancient Murrelet, **Cassin's Auklet, Mourning Dove,** Short-eared Owl, **Rufous Hummingbird, Yellow-bellied Sapsucker,** Horned Lark, **Rock Wren.**)—W. Adams, R. Barnes, J. Barnett, Mrs. H. M. Bell, Mrs. E. G. Bousefield, T. Briggs, F. Buffam, Mrs. A. R. Davidson, A. R. Davidson, R. Fryer, Mrs. A. G. Gosling, J. Hannay, F. King, R. McKenzie Grieve, M. C. Melburn, Mrs. L. Monkton, Mrs. B. Morgan, B. Morgan, J. H. Palmer, G. A. Poynter (compiler), L. Roberts, Mrs. D. Stirling, D. Stirling, D. Webb, D. Welch (Victoria Natural History Society).

38. Castine, Me. (all points within a 15-mile diameter circle, center on North Castine as in past years). —Jan. 2; 5 a.m. to 10 p.m. Clear; temp. 15° to 35°; wind SW, 5 m.p.h.; 6-10-in. snow, fresh water frozen, salt water open. Two observers in 2 parties. Total party-hours, 25 (18 on foot, 7 by car); total party-miles, 125 (25 on foot, 100 by car). ► Common Loon, 17; Red-necked Grebe, 1; Horned Grebe, 67; Great Cormorant, 7; Mallard, 2; Black Duck, 953; Greater Scaup, 600; Common Goldeneye, 970; Barrow's Goldeneye, 2; Bufflehead, 116; Oldsquaw, 77; Common Eider, 80; White-winged Scoter, 850; Surf Scoter, 168; Common Scoter, 141; Ruddy Duck, 1; Red-breasted Merganser, 11; Sharp-shinned Hawk, 1; Rough-legged Hawk, 1; Bald Eagle, 8; Ruffed Grouse, 6; Ring-necked Pheasant, 2; Purple Sandpiper, 9; Iceland Gull, 1; Great Black-backed Gull, 27; Herring Gull, 872; Dovekie, 1; **Mourning Dove, 2**; Great Horned Owl, 1; Snowy Owl, 1; Barred Owl, 4; Saw-whet Owl, 7; Pileated Woodpecker, 2; Hairy Woodpecker, 18; Downy Woodpecker, 9; Black-backed Three-toed Woodpecker, 2; Blue Jay, 69; Common Raven, 3; Common Crow, 333; Black-capped Chickadee, 288; Boreal Chickadee, **56**; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 39; Brown Creeper, 1; Robin, 4; Golden-crowned Kinglet, 14; Starling, 90; House Sparrow, 50; Eastern Meadowlark, 1; Redwinged Blackbird, 5; Common Grackle, 61; Brown-headed Cowbird, **68**; Evening Grosbeak, 116; Purple Finch, 2; Pine Grosbeak, 4; Pine Siskin, 6; Am. Goldfinch, 1; Red Crossbill, 1; White-winged Crossbill, 22; Slate-colored Junco, 20; Tree Sparrow, 36; White-throated Sparrow, 47; Fox Sparrow, 3; **Swamp Sparrow, 1**; Song Sparrow, 1; Snow Bunting, 1. **Total,** 66 species; about 6381 individuals. (Seen in area count period, but not on count day: Great Blue Heron, Common Merganser, Ring-billed Gull, Black Guillemot, Gray Jay, Northern Shrike, Baltimore Oriole, Common Redpoll.)—Mary G. Morse, M. C. Morse, Jr. (compiler).

39. Danforth, Me. (all points within a 12-mile diameter circle, center Danforth; logging roads, hardwood and evergreen forests, farmland, old orchards loaded with frozen apples, open river).—Dec. 26; 7:30 a.m. to 4 p.m.; temp. 18° to 22°; wind W, 5-10 m.p.h.; ground with 4-6-ft. snow. Five observers in 1 party. Total party-hours, 8½ (1½ on foot, 7 by car); total party-miles, 85 (5 on foot, 80 by car). ► Black Duck, 2; Common Goldeneye, 3; Bald Eagle, 2; Ring-necked Pheasant, 3; Hairy Woodpecker, 9; Downy Woodpecker, 3; Gray Jay, 10; Blue Jay, 19; Common Raven, 5; Common Crow, 3; Black-capped Chickadee, 48; White-breasted Nuthatch, 5; Red-breasted Nuthatch, 3; Robin, 1; Starling, 26; House Sparrow, 90; Common Grackle, 1; Evening Grosbeak, 1; Pine Grosbeak, 7; Am. Goldfinch, 1; White-winged Crossbill, 10; Tree Sparrow, 1; **White-throated Sparrow, 2**; Snow Bunting, 12. **Total,** 24 species; about 267 individuals. (Seen in area count period, but not on count day: Herring Gull, Purple Finch, Slate-colored Junco.)—Priscilla Amero, Eva Fifield, Muriel Gillis, Marjorie Lee (compiler), Frances Sprague.

40. Deer Isle, Me. (all points within a 15-mile diameter circle, center old Indian haulover, including entire island and adjacent salt-water coves; rocky shore 10%, salt coves 35%, fields 10%, coniferous forest 40%, suburban 5%).—Dec. 31; 7 a.m. to 4 p.m. Cloudy; temp. 24° to 32°; wind SW to NW, 3 m.p.h.; ground with snow and ice, fresh-water ponds frozen. Three observers in 2 parties. Total party-hours, 16 (13 on foot, 3 by car); total party-miles, 116 (3 on foot, 113 by car). ► Common Loon, 10; Red-throated Loon, 1; Red-necked Grebe, 2; Horned

Grebe, 163; Great Cormorant, 8; Great Blue Heron, 2; **Canada Goose, 3**; Black Duck, 17; Common Goldeneye, 224; Barrow's Goldeneye, 1; Bufflehead, 373; Oldsquaw, 87; Common Eider, 66; White-winged Scoter, 30; Surf Scoter, 50; Red-breasted Merganser, 11; **Sharp-shinned Hawk, 1**; Red-tailed Hawk, 3; Rough-legged Hawk, 1; Bald Eagle, 1; **Sparrow Hawk, 1**; Purple Sandpiper, **313**; Great Black-backed Gull, 61; Herring Gull, 881; Dovekie, 2; Black Guillemot, 2; Hairy Woodpecker, 7; Downy Woodpecker, 14; Blue Jay, 42; Common Raven, 16; Common Crow, 110; Black-capped Chickadee, 197; Boreal Chickadee, 20; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 21; Robin, 8; Golden-crowned Kinglet, 4; Northern Shrike, 1; Starling, 110; Red-winged Blackbird, 1; Common Grackle, 4; Brown-headed Cowbird, 123; Evening Grosbeak, 43; Purple Finch, 2; Pine Grosbeak, 9; Slate-colored Junco, 16; Tree Sparrow, 18; **White-crowned Sparrow, 1** [no details—ED.]; Song Sparrow, 3; Snow Bunting, 3. **Total,** 50 species; about 3089 individuals. (Seen in area count period, but not on count day: Belted Kingfisher, Common Redpoll, White-throated Sparrow.)—Margaret H. Hundley (compiler), Ralph Odell, William Russell.

41. Mount Desert Island, Me. (all points within a 15-mile diameter circle, center in Hall Quarry village—same area, including Acadia National Park, since 1933; rocky shores, coastal waters, coniferous and mixed woodlands, villages of Bar Harbor, Seal Harbor, Northeast Harbor, Somesville, Southwest Harbor).—Dec. 26; 6:30 a.m. to 4:30 p.m. Clear; temp. 20° to 35°; wind NW, 5-10 m.p.h.; ground dusted with snow a.m., bare p.m., inland ponds frozen. Forty-one observers, 16 in 8 parties, 25 at feeding stations. Total party-hours, 54 (28 on foot, 26 by car); total party-miles, 306 (19 on foot, 287 by car). ► Common Loon, 20; Red-throated Loon, 1; Red-necked Grebe, 38; Horned Grebe, 131; Great Cormorant, 39; Mallard, 1; Black Duck, 547; **Green-winged Teal, 2** (seen well—P.F.); Greater Scaup, 500; Common Goldeneye, 475; Barrow's Goldeneye, 10; Bufflehead, 527; Oldsquaw, 472; Common Eider, 964; White-winged Scoter, 165; Surf Scoter, 12; Common Scoter, 1; Red-breasted Merganser, 38; Red-tailed Hawk, 2; Bald Eagle, 6; Ruffed Grouse, 3; Purple Sandpiper, 203; Great Black-backed Gull, 65; Herring Gull, 1102; Ring-billed Gull, 1; Black Guillemot, 18; Hairy Woodpecker, 16; Downy Woodpecker, 47; Blue Jay, 57; Common Raven, 22; Common Crow, 199; Black-capped Chickadee, 413; Boreal Chickadee, 6; White-breasted Nuthatch, 13; Red-breasted Nuthatch, 52; Brown Creeper, 5; **Mockingbird, 1**; **Brown Thrasher, 3** (1 each at 3 widely separated feeders); Robin, 7; Golden-crowned Kinglet, 4; Starling, 306; **Yellow-breasted Chat, 2**; House Sparrow, 100; **Baltimore Oriole, 1** (at feeder all month); Common Grackle, 8; Brown-headed Cowbird, 42; Evening Grosbeak, 170; Purple Finch, 6; Pine Grosbeak, 8; Am. Goldfinch, 6; Red Crossbill, 6 **(one full albino)**; Slate-colored Junco, 45; Tree Sparrow, 51; White-throated Sparrow, 11; Fox Sparrow, 3; Song Sparrow, 6; Snow Bunting, 1. **Total,** 57 species; about 6960 individuals. (Seen in area count period, but not on count day: **Great Blue Heron, King Eider, Am. Woodcock, Mourning Dove, Snowy Owl,** Belted Kingfisher, Pileated Woodpecker, Northern Shrike, Redwinged Blackbird, Rusty Blackbird.)—Mr. and Mrs. J. Franklin Anthony, Jr., George Dolliver, Mr. and Mrs. F. E. Fahey, Paul G. Favour, Jr. (compiler), Mrs. Horace Mann, Mr. and Mrs. Don McPheters, Mr. and Mrs. Robert W. Patterson, Mr. and Mrs. H. C. Rivers (National Park Service, Mount Desert Island Bird Club, guests).

42. Pemaquid Area, Me. (all points within a 15-mile diameter circle, center Bristol Mills; same territory as previous years plus Cod Cove and easterly shore of Sheepscott River in North Edgecomb; rocky shore and adjacent waters 50%, open fields 20%, mixed woodlands 20%, swamps 10%, 6 feeding stations).—Dec. 27; 4 a.m. to 4:30 p.m.; temp. 14° to 26°; wind NW, 5-10 m.p.h.; 1-in. snow, ponds and streams frozen over. Six observers in 2 parties. Total party-hours, 19 (10 on foot, 9 by car); total party-miles, 92 (9 on foot, 83 by car). ► Common Loon, 30; Red-necked Grebe, 3; Horned Grebe, 48; Great Cormorant, 4; Black Duck, 123; **Gadwall, 1** (R.B., M.L.); Common Goldeneye, 318; Barrow's Goldeneye, 1; Bufflehead, 176; Oldsquaw, 185; Common Eider, 368; White-winged Scoter, 1; Surf Scoter, 6; Hooded Merganser, 24; Common Merganser, 15; Red-breasted Merganser, 26; Bald Eagle, 2; Ruffed Grouse, 2; Purple Sandpiper, 42; Great Black-backed Gull, 12; Herring Gull, 416; Black-legged Kittiwake, 4; Black Guillemot, 13; Great Horned Owl, 1; Barred Owl, 3; Belted Kingfisher, 2; Hairy Woodpecker, 2; Downy Woodpecker, 9; Blue Jay, 55; Common Raven, 3; Common Crow, 42; Black-capped Chickadee, 39; White-breasted Nuthatch, 6; Red-breasted Nuthatch, 14; Brown Creeper, 1; **Mockingbird 1** (at feeder daily); Robin, 4; Golden-crowned Kinglet, 4; Starling, 69; **Myrtle Warbler, 3** (seen well); House Sparrow, 20; **Redwinged Blackbird, 1** (male); **Rusty Blackbird, 1** (at feeder—D.W.); Brown-headed Cowbird, 11; Evening Grosbeak, 46; Am. Goldfinch, 12; Slate-colored Junco, 8; Tree Sparrow, 19; Fox Sparrow, 2; Song Sparrow, 3. **Total,** 50 species; about 2201 individuals. (Seen in area count period, but not on count day: Ruby-crowned Kinglet.)—M. E. Buxton, R. B. Buxton (compiler), H. F. Libby, M. L. Libby, D. R. Sortwell, D. Washington.

43. Schoodic Peninsula, Acadia National Park, Me. (all points within a 15-mile diameter circle, center on southwest corner of Grand Marsh Bay north of Prospect Harbor Village, including all Gouldsboro peninsula and east to Petit Manan Point; territory worked chiefly limited to Schoodic area; rocky shores, open ocean and bays, sheltered coves and inlets 75%, woods, mostly coniferous 20%, villages 5%).—Jan. 2; 8 a.m. to 4 p.m. Partly cloudy, temp. 18° to 35°; wind SW, 2-15 m.p.h.; 8-in. snow on ground. Two observers in 1 party. Total party-hours, 8 (2 on foot, 4 by car, 2 on snowshoe); total party-miles, 28½ (1 on foot, 26 by car, 1½ on snowshoe). ► Common Loon, 2; Red-necked Grebe, 5; Horned Grebe, 11; Great Cormorant, 5; Black Duck, 316; Common

Goldeneye, 12; Bufflehead, 16; Oldsquaw, 120; Common Eider, 383; White-winged Scoter, 204; Common Scoter, 5; **Cooper's Hawk, 1** (carefully identified); Bald Eagle, 2; **Marsh Hawk, 1** (male—P.F., D.M.); **Ruddy Turnstone, 1** (carefully identified); Purple Sandpiper, 50; Great Black-backed Gull, 19; Herring Gull, 101; Dovekie, 2; Black Guillemot, 1; Downy Woodpecker, 1; Common Raven, 1; Common Crow, 15; Black-capped Chickadee, 4; Boreal Chickadee, 3; Robin, 1; Starling, 15; Snow Bunting, 6. **Total,** 28 species; about 1303 individuals.—Paul G. Favour, Jr. (compiler), Donald McPheters.

44. Webster Corner, Me. (all points within a 15-mile diameter circle, center Crowley's Junction as in previous years).—Dec. 27; 3:30 a.m. to 5 p.m. Clear; temp. 16° to 33°; wind NW, 0-5 m.p.h.; 0-4-in. snow, Androscoggin River partly open, lakes frozen. Six observers in 4 parties. Total party-hours, 37 (27 on foot, 10 by car); total party-miles, 225 (20 on foot, 205 by car). ► Horned Grebe, 2; Black Duck, 7; Greater Scaup, 4; Common Goldeneye, 8; Bufflehead, 2; Common Merganser, 3; Red-shouldered Hawk, 1; Ruffed Grouse, 2; Ring-necked Pheasant, 1; Great Black-backed Gull, 7; Herring Gull, 480; Barred Owl, 1; Saw-whet Owl, 3; Pileated Woodpecker, 2; Hairy Woodpecker, 21; Downy Woodpecker, 11; Horned Lark, 4; **Gray Jay, 2** (D.M.); Blue Jay, 40; Common Crow, 26; Black-capped Chickadee, 280; **Boreal Chickadee, 5** (4 at feeder); White-breasted Nuthatch, 5; Red-breasted Nuthatch, 9; Brown Creeper, 2; **Mockingbird, 1** (present since Nov.); Robin, 3; Golden-crowned Kinglet, 24; Northern Shrike, 2; Starling, 87; House Sparrow, 28; Brown-headed Cowbird, 7; Evening Grosbeak, 421; Purple Finch, 18; Pine Grosbeak, 26; Common Redpoll, 6; Am. Goldfinch, 39; Red Crossbill, 14; White-winged Crossbill, 7; Slate-colored Junco, 6; Tree Sparrow, 24; White-throated Sparrow, 3; Song Sparrow, 2; Snow Bunting, 121. **Total,** 44 species; about 1767 individuals. (Seen in area count period, but not on count day: **Blue-winged Teal,** Sharp-shinned Hawk, **Yellow-breasted Chat, Cardinal.**)—Douglas H. Morse (compiler), Lt. and Mrs. M. C. Morse, Jr., Mrs. G. E. Ramsdell, Mrs. W. D. Trafton, R. B. Wait.

45. Coastal New Hampshire (all points within a 15-mile diameter circle, center at North Hampton as in previous years, including Hampton Harbor, Portsmouth, Great Bay, Exeter; ocean 25%, harbor 10%, brackish bay 10%, mixed woods 15%, brush 10%, fields 5%, orchard 5%, marsh 5%, suburban 15%).—Dec. 27; 6:30 a.m. to 4:30 p.m. Clear; temp. 23°; wind NW, 0-5 m.p.h.; ground mostly bare, ponds frozen. Fourteen observers in 5 parties. Total party-hours, 45 (35 on foot, 10 by car); total party-miles, 265 (33 on foot, 232 by car). ► Common Loon, 20; Red-throated Loon, 6; Red-necked Grebe, 1; Horned Grebe, 101; Great Cormorant, 2; Canada Goose, 2080; Mallard, 1; Black Duck, 586; Am. Widgeon, **65**; Greater Scaup, **1000**; Common Goldeneye, 567; Bufflehead, **110**; Oldsquaw, 38; Common Eider, 1; White-winged Scoter, 114; Surf Scoter, 7; Common Scoter, 3; Hooded Merganser, 2; Common Merganser, 122; Red-breasted Merganser, 83; Red-tailed Hawk, 1; **Red-shouldered Hawk, 1**; **Rough-legged Hawk, 2**; Sparrow Hawk, 5; Ruffed Grouse, 6; Ring-necked Pheasant, 1; **Black-bellied Plover, 1**; **Common Snipe, 1**; Great Black-backed Gull, 65; Herring Gull, 1710; Bonaparte's Gull, 6; Mourning Dove, 2; Screech Owl, 1; Hairy Woodpecker, 15; Downy Woodpecker, **30**; Blue Jay, 98; Common Crow, 148; Black-capped Chickadee, **313**; White-breasted Nuthatch, **34**; Red-breasted Nuthatch, 1; Brown Creeper, 3; Robin, **22**; Golden-crowned Kinglet, **25**; Cedar Waxwing, 1; Starling, 749; Myrtle Warbler, 3; House Sparrow, 424; Evening Grosbeak, 120; Purple Finch, 22; Common Redpoll, 23; Am. Goldfinch, 80; Savannah Sparrow, 1; Slate-colored Junco, 83; Tree Sparrow, 177; Field Sparrow, 1; White-throated Sparrow, 3; Fox Sparrow, 1; Swamp Sparrow, 2; Song Sparrow, **20. Total,** 59 species; about 9110 individuals.—Constance Casas, Kimball Elkins, Mr. and Mrs. Eugene Finch, Mr. and Mrs. Norman Hatch, Archibald and John McIlwaine, Mr. and Mrs. Robert Rathbone, Tudor Richards (compiler), Oscar Root, Victor Smith, Wendell Taber.

46. Errol–Lake Umbagog, N. H. (all points within a 15-mile diameter circle, center Errol Village; Rte. 26 at Dixville-Millsfield town-line to within ½ mile of Upton, Me., Rte. 16 at Maine-N. H. line to Cambridge-Dummer line; boreal softwood 50%, hardwood 7%, open field 10%, open river 33%).—Jan. 1; 8 a.m. to 4 p.m. Clear; temp. 15° to 24°; wind WSW to NW, up to 15 m.p.h.; 1½-ft. snow cover, lakes frozen. Two observers in 1-2 parties. Total party-hours, 13 (9 on foot, 4 by car); total party-miles, 91 (16 on foot, 75 by car). ► Common Goldeneye, 28; Common Merganser, 11; Pileated Woodpecker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 4; Black-backed Three-toed Woodpecker, 1; Gray Jay, 7; Blue Jay, 39; **Common Raven, 5**; Black-capped Chickadee, 79; Boreal Chickadee, 24; White-breasted Nuthatch, 1; Pine Grosbeak, 6; Common Redpoll, 5; Snow Bunting, 2. **Total,** 15 species; 214 individuals.—Richard C. Hebert, Vera H. Hebert (compiler).

47. Franconia–Littleton, N. H. (all points within a 15-mile diameter circle, center NW Bethlehem to include Littleton Dam, road to Whitefield, towns of Littleton, Bethlehem, Franconia, and Sugar Hill area; open water 5%, open fields 10%, suburban 30%, mixed woodlands 40%, boreal forests 15%).—Dec. 30; 7 a.m. to 4 p.m. Cloudy a.m., light snow p.m.; temp. 22° to 26°; wind W, 5 m.p.h.; 15-in. snow on ground. Three observers in 2 parties. Total party-hours, 29 (27 on foot, 2 by car); total party-miles, 78 (3 on foot, 75 by car). ► Common Goldeneye, 1; Common Merganser, 22; Sparrow Hawk, 1; Herring Gull, 2; Barred Owl, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 11; Downy Woodpecker, 5; Blue Jay, 80; Common Crow, 1; Black-capped Chickadee, 161; Boreal Chickadee, 1; White-breasted Nuthatch, 10; Red-breasted Nuthatch, 6; Starling, 87; House Sparrow, 61; Evening Grosbeak, 255; Pine Grosbeak, 24; Tree Sparrow, 1; White-crowned Sparrow, 1 [no

details—Ed.]; Snow Bunting, 4. **Total,** 21 species; about 736 individuals. (Seen in area count period, but not on count day: Gray Jay, Robin, Golden-crowned Kinglet, Northern Shrike.)—Esther Brockelman, John C. McIlwaine (compiler), Richard Stackpole.

48. Gorham–Pinkham Notch, N. H. (all points within a 15-mile diameter circle, center near Dolly Copp Campground, White Mountain National Forest; spruce, fir and hardwoods 40%, pine and hardwoods 15%, brush 10%, feeders 10%, river 10%, fields 10%, towns 5%).—Jan. 2; 6:30 a.m. to 5 p.m. Clear; temp. 0° to 20°; wind NW, 0-5 m.p.h.; 8-in. snow in valleys, over 2-ft. snow above 4000 ft. Three observers in 1 party. Total party-hours, 10 (8 on foot, 2 by car); total party-miles, 62 (7 on foot, 54 by car, 1 by ski lift). ► Black Duck, 3; Common Merganser, 2; Hairy Woodpecker, 1; Downy Woodpecker, 1; Blue Jay, 38; Common Crow, 2; Black-capped Chickadee, 28; Boreal Chickadee, 4; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 1; House Sparrow, 40; Evening Grosbeak, 10; Purple Finch, 2; Pine Grosbeak, 27; Tree Sparrow, 7; **Fox Sparrow, 1**; **Swamp Sparrow, 1. Total,** 17 species; 170 individuals.—Tudor Richards.

49. Laconia–New Hampton, N. H. (all points within a 15-mile diameter circle, center N4333-W7132 (Sanbornton); same area since 1950; mixed woods 47%, suburban 25%, open water 20%, open fields 8%).—Jan. 2; 7 a.m. to 4 p.m. Clear a.m., heavy clouds late p.m.; temp. –6° to 42°; wind W to SW, 2 m.p.h. Five observers in 3 parties. Total party-hours, 16 (2 on foot, 14 by car); total party-miles, 222 (5 on foot, 217 by car). ► Mallard, 74; Black Duck, 118; Common Goldeneye, 83; Barrow's Goldeneye, 1; Hooded Merganser, 55; Common Merganser, 52; Goshawk, 1; Ruffed Grouse, 1; Ring-necked Pheasant, 3; Great Black-backed Gull, 2; Herring Gull, 47; Pileated Woodpecker, 2; Hairy Woodpecker, 16; Downy Woodpecker, 25; Blue Jay, 110; Common Crow, 5; Black-capped Chickadee, 237; Boreal Chickadee, 2; White-breasted Nuthatch, 27; Red-breasted Nuthatch, 18; Brown Creeper, 2; Winter Wren, 1; Robin, 3; Golden-crowned Kinglet, 4; Starling, 104; House Sparrow, 244; Evening Grosbeak, 541; Pine Grosbeak, 2; Common Redpoll, 648; Am. Goldfinch, 8; Slate-colored Junco, 17; Tree Sparrow, 46; **Chipping Sparrow, 1**; **Field Sparrow, 1**; White-throated Sparrow, 6; Song Sparrow, 4. **Total,** 36 species; about 2511 individuals. (Seen in area count period, but not on count day: Carolina Wren, Common Grackle.)—Richard C. Hebert, Vera H. Hebert (compiler), John P. Merrill, Pauline S. Merrill, Blanche Noyes.

50. Monadnock Region, N. H. (all points within a 15-mile diameter circle, center in Dublin near Frost Pond, including villages of Harrisville, Dublin, Hancock, Sharon, Jaffrey, West Rindge, and Monadnock and Pack Monadnock Mts.; mixed coniferous and deciduous woods 60%, feeders 20%, brush 10%, marsh and swamp 5%, open land 5%).—Dec. 29; 6:30 a.m. to 4:30 p.m. Heavy snowstorm; temp. 22° to 30°; wind NE, 5-15 m.p.h.; ponds frozen, ground covered by 1-ft. old and new snow at end of day. Twelve observers in 4 parties. Total party-hours, 28 (22 on foot, 2 by car, 4 at feeders); total party-miles, 60 (10 on foot, 50 by car). ► **Red-tailed Hawk, 1**; Ruffed Grouse, 1; Ring-necked Pheasant, 1; Hairy Woodpecker, 11; Downy Woodpecker, 15; **Gray Jay,** 1 (in area several weeks); Blue Jay, 38; Common Crow, 4; Black-capped Chickadee, 169; **Boreal Chickadee, 1**; White-breasted Nuthatch, 22; Red-breasted Nuthatch, 16; Brown Creeper, 3; Golden-crowned Kinglet, 12; Northern Shrike, 1; Starling, 49; House Sparrow, 90; **Redwinged Blackbird,** 1; Evening Grosbeak, 55; Common Redpoll, 15; Slate-colored Junco, 7; Tree Sparrow, 37; **White-throated Sparrow, 2**; Song Sparrow, 2. **Total,** 24 species; about 554 individuals. (Seen in area count period, but not on count day: Barred Owl, Saw-whet Owl, Pine Grosbeak.)—Mr. and Mrs. Elliott Allison, Helen Cole, Mr. and Mrs. William P. Hill, Mr. and Mrs. Percy D. Mitchell, John Pearson, Mr. and Mrs. Tudor Richards (compilers), Frank Sanford, Elwood Zimmerman.

51. Pittsburg, N. H. (all points within a 15-mile diameter circle, center as in previous years; from Pittsburg village to Second Connecticut Lake and East Inlet).—Dec. 27; 6 a.m. to 5 p.m. Fair; temp. 13° to 20°; no wind; 10-20-in. snow on ground. Six observers in 3 parties. Total party-hours, 54 (27 on foot, 27 by car); total party-miles, 137 (23 on foot, 114 by car). ► Black Duck, 7; Lesser Scaup, 1; Common Goldeneye, 5; Common Merganser, 3; Ruffed Grouse, 1; Great Horned Owl, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 6; Downy Woodpecker, 7; Gray Jay, 9; Blue Jay, 20; Common Raven, 1; Black-capped Chickadee, 56; Boreal Chickadee, 14; White-breasted Nuthatch, 3; Red-breasted Nuthatch, 5; Brown Creeper, 1; Brown-headed Cowbird, 1; Evening Grosbeak, 33; Slate-colored Junco, 4; Tree Sparrow, 3; White-throated Sparrow, 1. **Total,** 22 species; about 183 individuals. (Seen in area count period, but not on count day: Herring Gull, Common Crow, Purple Finch, Pine Grosbeak.)—Edith Halberg, Henry Halberg, Fred Scott (compiler), Harry Scott, Ethel Sturgis, Charles Willey.

52. Bennington, Vt. (all points within a 15-mile diameter circle, center Bennington Battle Monument as in 1957; open fields 50%, woods 30%, rivers 10%, village 10%).—Dec. 27; 8 a.m. to 4:30 p.m. Cloudy; temp. 26° to 35°; no wind; ground with 2-3-in. snow. Four observers in 3 parties. Total party-hours, 20 (6 on foot, 14 by car); total party-miles, 156 (11 on foot, 145 by car). ► Red-tailed Hawk, 6; Sparrow Hawk, 2; Ruffed Grouse, 5; Ring-necked Pheasant, 7; Pileated Woodpecker, 1; Hairy Woodpecker, 9; Downy Woodpecker, 6; Blue Jay, 30; Common Crow, 35; Black-capped Chickadee, 153; White-breasted Nuthatch, 12; Red-breasted Nuthatch, 7; Brown Creeper, 2; Robin, 2; Golden-crowned Kinglet, 1; Starling, 334; House Sparrow, 290; Eastern Meadowlark, 13; Brown-headed Cowbird, 7; Evening Grosbeak, 146; Common Redpoll, 10; Am. Goldfinch, 4; **Vesper Sparrow, 1**; Slate-colored Junco, 5; Tree Sparrow, 26; White-throated Sparrow, 7; Song Sparrow, 1. **Total,** 27 species; about 1122 individuals.

(Seen in area count period, but not on count day: Mourning Dove, Horned Lark, Cardinal, Snow Bunting.)—Barbara Beecher, Thomas H. Foster (compiler), John Johnson, Ruth Kosche.

53. **Burlington, Vt.** (all points within a 15-mile diameter circle, center at College St. and Lake Shore; lake shore 75%, residential 15%, open fields 5%, coniferous woods 5%).—Jan. 1; 7 a.m. to 5 p.m. Sunny; temp. −1° to 16°; wind variable, to 7 m.p.h.; 11-in. fresh snow, lake wide open. Six observers in 2 parties. Total party-hours, 16 (9 on foot, 7 by car); total party-miles, 63 (11 on foot, 52 by car). ► Horned Grebe, 114; Black Duck, 22; Common Goldeneye, 461; Bufflehead, 3; Hooded Merganser, 1; Common Merganser, 32; Great Black-backed Gull, 3; Herring Gull, 1400; Ring-billed Gull, 12; **Belted Kingfisher,** 1; Hairy Woodpecker, 2; Downy Woodpecker, 4; Blue Jay, 5; Common Crow, 6; Black-capped Chickadee, 22; White-breasted Nuthatch, 7; Red-breasted Nuthatch, 1; **Mockingbird, 1** (regular at feeder); Robin, 2; Starling, 25; House Sparrow, 200; Evening Grosbeak, 84; Pine Siskin, 3; Am. Goldfinch, 5; Slate-colored Junco, 2; Tree Sparrow, 37; Song Sparrow, 4. **Total,** 27 species; about 2459 individuals. (Seen in area count period, but not on count day: Common Loon, **Great Blue Heron,** Mallard, **Wood Duck,** Oldsquaw, Marsh Hawk, Purple Sandpiper, Common Redpoll, Cardinal, Snow Bunting.)—Bruce Adams, Wilbert Chambers, Barbara Eastman, Francies Howe, Norman St. Jacques, Marion Smith (compiler).

54. **Saxtons River, Vt.** (all points within a 15-mile diameter circle, center 2½ miles north of Westminster West to include Connecticut River from Williams River to Putney Great Meadows and Walpole, N. H.; open fields 60%, mixed woods 20%, frozen river 10%, residential 10%).—Jan. 2; 8 a.m. to 4 p.m. Clear; temp. −15° to 30°; no wind; ground 4-6-in. snow, little open water. Three observers in 1 party. Total party-hours, 8 (3 on foot, 4 by car, 1 at feeders); total party-miles, 30 (2 on foot, 28 by car). ► Black Duck, 55; Common Goldeneye, 8; Common Merganser, 20; Red-tailed Hawk, 1; **Sparrow Hawk,** 1; **Mourning Dove, 36** (single flock); Downy Woodpecker, 1; Horned Lark, 200; Blue Jay, 15; Common Crow, 100; Black-capped Chickadee, 10; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 1; **Robin, 1**; Starling, 51; House Sparrow, 50; **Brown-headed Cowbird, 8** (at feeder); Evening Grosbeak, 45; Common Redpoll, 30; Am. Goldfinch, 1; Tree Sparrow, 9; Fox Sparrow, 1; **Song Sparrow,** 1; Snow Bunting, 10. **Total,** 24 species; about 656 individuals. (Seen in area count period, but not on count day: Hairy Woodpecker, Brown Creeper.)—Angus Black (compiler), Michael Choukas, Alice Hadley.

55. **Topsham, Vt.** (all points within a 15-mile diameter circle, center Macdonald house as in last 5 years; open farmland 53%, mixed deciduous and evergreen woods, swampy in places 39%, orchard 5%, dry pasture 3%).—Dec. 28; 6:30 a.m. to 4:45 p.m. Snow all day; temp. 23° to 31°; wind S to E, 0-5 m.p.h.; 2-14-in. snow on ground, brooks partly frozen over. Three observers, 2 in 1-2 parties, 1 at feeding station. Total party-hours, 21 (20½ on foot, ½ by jeep); total party-miles, 8 (6½ on foot, 1½ by jeep). ► Ruffed Grouse, 6; Pileated Woodpecker, 1; Hairy Woodpecker, 9; Downy Woodpecker, 4; Blue Jay, 65; Black-capped Chickadee, 90; White-breasted Nuthatch, 18; Brown Creeper, 3; Evening Grosbeak, 79; Pine Grosbeak, 67; Common Redpoll, 4; Snow Bunting, 3. **Total,** 12 species; about 349 individuals.—Alison Macdonald, Alison M. Macdonald, Elisabeth Macdonald (compiler).

56. **Belmont, Mass.** (all points within a 15-mile diameter circle, center same as previous 25 years; pasture 10%, deciduous woodland 20%, coniferous woodland 10%, marsh 15%, residential 45%).—Dec. 26; 7:15 a.m. to 3:45 p.m. Fair; temp. 35° to 40°; wind SW, 8 m.p.h.; ground bare, ponds mostly frozen. Ten observers in 8 parties. Total party-hours, 27 (17 on foot, 10 by car); total party-miles, 40 (18 on foot, 22 by car). ► Mallard, 202; Black Duck, 110; **Pintail, 1**; **Green-winged Teal, 1**; Am. Widgeon, 84; Common Merganser, 12; Red-tailed Hawk, 1; Sparrow Hawk, 6; Ring-necked Pheasant, 29; Great Black-backed Gull, 16; Herring Gull, 998; Mourning Dove, 2; Yellow-shafted Flicker, 3; Hairy Woodpecker, 7; Downy Woodpecker, 16; Blue Jay, 28; Common Crow, 67; Black-capped Chickadee, 125; White-breasted Nuthatch, 15; Brown Creeper, 6; **Mockingbird, 1** (at feeder); Robin, **20**; Golden-crowned Kinglet, 1; Cedar Waxwing, 1; Starling, **605**; House Sparrow, 111; Evening Grosbeak, 10; Purple Finch, **32**; Common Redpoll, 15; Pine Siskin, 10; Am. Goldfinch, **37**; Slate-colored Junco, 100; Tree Sparrow, 40; **Field Sparrow, 3** (H.M.); White-throated Sparrow, 13; Fox Sparrow, 3; Swamp Sparrow, 2; Song Sparrow, 35. **Total,** 38 species; about 2768 individuals. (Seen in area count period, but not on count day: Cardinal.)—Peter Ames, Mrs. William H. Claflin 3rd, Mrs. Francis W. Davis, George A. Drew, Mrs. Hervey B. Elkins, Kimball C. Elkins, Charles A. Federer 3rd, Ivan Getting, Jr., Mr. and Mrs. Herbert Mattlage, Samuel D. Robbins (compiler).

57. **Cape Ann, Mass.** (all points within a 15-mile diameter circle, including Gloucester, Rockport, Essex and parts of Beverly, Manchester, Ipswich, Hamilton, Wenham, Ipswich Beach; same territory covered for 25 years; rocky shores, coves, sea coast, inland ponds, woodland, town suburbs, fishing docks).—Dec. 27; 8 a.m. (1 party 3 a.m., 1 party 6:30 a.m.) to 4:30 p.m. Most favorable weather; temp. 25° to 34°; wind variable and NE; ponds and lakes frozen. Thirty-nine observers in 10 parties. Total party-hours, 310 (145 on foot, 159 by car, 6 by boat); total party-miles, 523 (105 on foot, 402 by car, 16 by boat). ► Common Loon, 21; **Arctic Loon, 2** (carefully identified); Red-throated Loon, 6; Horned Grebe, **331**; Gannet, 13; Great Cormorant, 213; **Am. Bittern, 1**; Canada Goose, 6; Mallard, 7; Black Duck, 2605; Pintail, 7; **Shoveler, 1**; Greater Scaup, 6; Common Goldeneye, 855; **Barrow's Goldeneye, 2**; Bufflehead, 182; Oldsquaw, 132; Common Eider, 46; **King Eider, 27** (flock present since Dec. 6); White-winged Scoter, 265; Surf Scoter, 8; Common Scoter, **104**; Hooded

Merganser, 1; Common Merganser, 11; Red-breasted Merganser, 199; Sharp-shinned Hawk, 1; Red-tailed Hawk, 4; Red-shouldered Hawk, 1; Rough-legged Hawk, 3; Marsh Hawk, 3; Sparrow Hawk, 7; Ruffed Grouse, 2; Ring-necked Pheasant, **63**; **Virginia Rail, 2** (5 competent observers); Purple Sandpiper, 100; Dunlin, **112**; Sanderling, 7; Iceland Gull, 2; Great Black-backed Gull, 278; Herring Gull, 5195; Black-legged Kittiwake, 2; Razorbill, 2; Dovekie, 30; Black Guillemot, 8; Mourning Dove, 65; Great Horned Owl, 8; Snowy Owl, 3; Barred Owl, 2; Belted Kingfisher, 3; Yellow-shafted Flicker, 8; Hairy Woodpecker, 32; Downy Woodpecker, 90; Horned Lark, 81; Blue Jay, 209; Common Crow, 266; Black-capped Chickadee, **656**; **Boreal Chickadee, 7** (great invasion); White-breasted Nuthatch, **93**; Red-breasted Nuthatch, 37; Brown Creeper, **34**; Mockingbird, 2; Catbird, 4; Brown Thrasher, 1; Robin, 25; Hermit Thrush, 2; Golden-crowned Kinglet, 85; **Ruby-crowned Kinglet, 1**; Cedar Waxwing, 6; Starling, 7925; **Orange-crowned Warbler, 1** (at feeder); Myrtle Warbler, 59; **Yellow-breasted Chat, 2**; House Sparrow, 954; Eastern Meadowlark, 8; **Red-winged Blackbird, 1**; **Baltimore Oriole, 1**; Common Grackle, 7; Brown-headed Cowbird, 16; **Cardinal, 4**; **Dickcissel, 1**; Evening Grosbeak, 300; Purple Finch, 42; Pine Grosbeak, 10; **Hoary Redpoll, 1** (carefully studied at 30 ft.); Common Redpoll, 52; Pine Siskin, 11; Am. Goldfinch, 265; Rufous-sided Towhee, 1; Savannah Sparrow, 2; Slate-colored Junco, 347; Tree Sparrow, 340; Field Sparrow, 4; **White-crowned Sparrow, 1** (at feeder); White-throated Sparrow, **96**; Fox Sparrow, **24**; Swamp Sparrow, 2; Song Sparrow, 59; Snow Bunting, 17. **Total,** 98 species; about 23,146 individuals. (Seen in area count period, but not on count day: Red-necked Grebe, Blue-winged Teal, Clapper Rail.)—Virginia Armstrong, Edgar Batchelder, Richard Barnett, Mrs. Richard Barnett, Frances Burnett, Murray Gardler, Wayne Hanley, Mr. and Mrs. Robert U. Ingalls, H. Lawrence Jodrey, James Kelly, Ralph Lawson, John Kieran, Bertram Leadbeater, Chris Leahy, Dennis McKenna, Nathaniel C. Nash, Jean Nelson, Herbert W. Pratt, Joseph W. Rice, Mrs. Chandler Robbins II, James O. Seamons, Robert Smart, Dorothy E. Snyder (compiler), Gerald Soucy, Donald Strickland, Henry W. Wiggin.

58. Cape Cod, Mass. (all points within a 15-mile diameter circle, center at Round Cove, North Chatham and including parts of Chatham, Brewster, Orleans, Eastham, outer beaches as in previous years). —Jan. 3; 5 a.m. to 5 p.m. Overcast, heavy driving rain, cleared 2:30 p.m.; temp. 44° to 40°; wind SSE to W, 35 m.p.h.; ponds and marshes open. Thirty-five observers in 8 parties. Total party-hours, 120 (70 on foot, 50 by car); total party-miles, 310 (140 on foot, 170 by car). ► Common Loon, 25; Red-throated Loon, 5; Red-necked Grebe, 1; Horned Grebe, 23; Pied-billed Grebe, 5; Gannet, 23; Great Blue Heron, 17; Black-crowned Night Heron, 7; Am. Bittern, 2; Canada Goose, 3166; Brant, 829; **Snow Goose, 1** (M.G.); Mallard, 43; Black Duck, 1313; Pintail, 5; Am. Widgeon, 20; Greater Scaup, 1; Common Goldeneye, 561; **Barrow's Goldeneye, 2**; Bufflehead, 216; Oldsquaw, 42; Common Eider, 902; White-winged Scoter, 83; Surf Scoter, 20; Common Scoter, 5; Hooded Merganser, 1; Common Merganser, 58; Red-breasted Merganser, 87; Sharp-shinned Hawk, 1; Rough-legged Hawk, 3; Bald Eagle, 1; Marsh Hawk, 5; Peregrine Falcon, 1; Pigeon Hawk, 2; Sparrow Hawk, 11; Bobwhite, **214**; Ring-necked Pheasant, 11; Clapper Rail, 2; Virginia Rail, 3; Am. Coot, 1; Killdeer, 1; Black-bellied Plover, 53; **Am. Woodcock, 1**; Common Snipe, 7; Greater Yellowlegs, 2; Knot, 7; Dunlin, 1266; Sanderling, 253; Iceland Gull, 1; Great Black-backed Gull, 850; Herring Gull, 7778; Ring-billed Gull, 85; Bonaparte's Gull, 1; Black-legged Kittiwake, 20; Razorbill, 1; **Thick-billed Murre, 1**; Dovekie, 4; Mourning Dove, 24; Screech Owl, 4; Great Horned Owl, 3; Long-eared Owl, 1; Short-eared Owl, 1; Belted Kingfisher, 5; Yellow-shafted Flicker, 30; Downy Woodpecker, 15; Horned Lark, 135; Blue Jay, 148; Common Crow, 181; Black-capped Chickadee, 507; White-breasted Nuthatch, 4; Red-breasted Nuthatch, 2; Brown Creeper, 5; Carolina Wren, 6; Long-billed Marsh Wren, 1; Mockingbird, 3; Catbird, 1; Brown Thrasher, 3; Robin, 35; Hermit Thrush, 3; Eastern Bluebird, 1; Golden-crowned Kinglet, 26; Starling, 2235; Myrtle Warbler, 376; Palm Warbler, 2; Yellowthroat, 1; **Yellow-breasted Chat, 2**; House Sparrow, 418; Eastern Meadowlark, 117; Redwinged Blackbird, 1; **Rusty Blackbird, 7** (N.H., J.B., R.D.); Common Grackle, 1; Brown-headed Cowbird, 57; **Western Tanager, 1** (at feeder for several weeks); Evening Grosbeak, 85; Purple Finch, 8; Common Redpoll, 3; Pine Siskin, 20; Am. Goldfinch, 66; Rufous-sided Towhee, 2; Ipswich Sparrow, 1; Savannah Sparrow, 11; Sharp-tailed Sparrow, 1; Seaside Sparrow, 20; Slate-colored Junco, 138; Tree Sparrow, 86; Chipping Sparrow, 1; Field Sparrow, 21; White-throated Sparrow, 191; Fox Sparrow, 23; Swamp Sparrow, 22; Song Sparrow, 153; Lapland Longspur, 70; Snow Bunting, 60. **Total,** 113 species; about 23,393 individuals. (Seen in area count period, but not on count day: Ruddy Duck, Ruffed Grouse.) —Mr. and Mrs. Wallace Bailey, James Baird, Eleanor Barry, Richard Bowen, Frances Burnett, Boris Chevone, Alan Craig, Henry Cutler, Richard Darby, William H. Drury, Mrs. Maurice Emery, Richard Forster, Robert Fox, Murray Gardler, Elizabeth Garrey, Mr. and Mrs. Henry Halberg, Norman P. Hill, Richard Hinchman, Mr. and Mrs. Daniel Johnson, Allan Keith, Richard Kleber, Allen H. Morgan, Mr. and Mrs. Jalmar Nelson, Edward Norman, Henry Parker (compiler), Dr. and Mrs. Alfred Scott, Mrs. Kathryn Shaffer, Stephen Spang, Walter Tordoff, Henry White.

59. Greenfield, Mass. (all points within a 15-mile diameter circle, center Greenfield).—Dec. 27; 7:30 a.m. to 3:30 p.m.; temp. 28° to 35°; wind slight. Thirteen observers in 8 parties. Total party-hours, 39; total party-miles, 181. ► Black Duck, 13; Common Goldeneye, 6; Common Merganser, 41; Sparrow Hawk, 1; Ruffed Grouse, 4; **Common Snipe, 1**; Herring Gull, 17; Ring-billed Gull, 1; Barred Owl, 1; Belted Kingfisher, 1; Pileated Woodpecker, 4; Hairy Woodpecker, 35; Downy Woodpecker, 68; Horned Lark, 18; Blue Jay, 188; Common Crow, 91; Black-capped Chickadee, 297; **Boreal Chickadee, 2**;

White-breasted Nuthatch, 73; Red-breasted Nuthatch, 16; Brown Creeper, 4; **Mockingbird, 1**; Robin, 2; Golden-crowned Kinglet, 2; Cedar Waxwing, 1; Starling, 718; **Yellowthroat, 1**; House Sparrow, 953; Rusty Blackbird, 2; Brown-headed Cowbird, 87; Cardinal, 2; Evening Grosbeak, 205; Pine Grosbeak, 1; Common Redpoll, 131; Pine Siskin, 1; Am. Goldfinch, 43; Slate-colored Junco, 219; Tree Sparrow, 314; Field Sparrow, 1; White-throated Sparrow, 4; Swamp Sparrow, 5; Song Sparrow, 35. **Total,** 42 species; about 3610 individuals.—Margarete Allen, John Bagg, Betty Boyden, Sam Eliot, Arthur Green, Raymond Hale, Harriet Harris, David Hirth, Carol Jones (compiler), Hope Lippack, Gertrude Reed, Mrs. C. Rockwood, Glenn Weeks.

60. Jamaica Plain–Brookline, Mass. (all points within a 4-mile diameter circle, center Children's Museum as in previous years).—Dec. 31; 8 a.m. to 4 p.m. Clear; temp. 28° to 34°; wind NW, 8-12 m.p.h.; light snow covered ground, small ponds frozen. Seven observers in 1 party. Total party-hours, 8 (all on foot); total party-miles, 12 (all on foot). ► Mallard, 129; Black Duck, 91; Redhead, 1; Lesser Scaup, 11; Common Goldeneye, 1; Red-tailed Hawk, 1; Sparrow Hawk, 1; Ruffed Grouse, 2; Ring-necked Pheasant, 3; Am. Coot, 3; Great Black-backed Gull, 241; Herring Gull, 1000; Ring-billed Gull, 93; Mourning Dove, 7; Yellow-shafted Flicker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 5; Blue Jay, 9; Common Crow, 29; Black-capped Chickadee, 31; White-breasted Nuthatch, 8; Red-breasted Nuthatch, 1; Brown Creeper, 4; Mockingbird, 1; Robin, 3; Golden-crowned Kinglet, 2; Cedar Waxwing, 3; Starling, 27; House Sparrow, 49; Evening Grosbeak, 1; Purple Finch, 6; Am. Goldfinch, 5; Slate-colored Junco, 27; **White-crowned Sparrow, 1**; White-throated Sparrow, 1; Fox Sparrow, 3; Song Sparrow, 11. **Total,** 37 species; about 1816 individuals. (Seen in area count period, but not on count day: Am. Widgeon, Pintail, Cardinal, Tree Sparrow.)—William P. Blakeslee, Paul Ben-Susan, Paul Brown, Ricky Brown, Miriam E. Dickey (compiler), Karsten Hartel, Charles Schickle.

61. Marshfield, Mass. (all points within a 15-mile diameter circle, center at Ocean Bluff as in previous years; beach 30%, marsh and scrub 20%, feeding stations 30%, fields 15%, edges of woodland 5%).—Dec. 26; 8:15 a.m. to 4:15 p.m. Overcast, some sun; temp. 34° to 43°; wind SW to W, 8-12 m.p.h.; light dusting of snow, skim of ice on ponds. Four observers in 3 parties. Total party-hours, 21 (14 on foot, 7 by car); total party-miles, 51 (15 on foot, 36 by car). ► Common Loon, 2; Red-throated Loon, 16; Red-necked Grebe, 4; Horned Grebe, 17; Great Blue Heron, 4; Mallard, 20; Black Duck, 33; Ring-necked Duck, 2; Common Goldeneye, 121; Bufflehead, 14; Oldsquaw, 1; Common Eider, 1; White-winged Scoter, 200; Surf Scoter, 5; Red-breasted Merganser, 11; Red-tailed Hawk, 2; Rough-legged Hawk, 1; Marsh Hawk, 3; Sparrow Hawk, 3; Ring-necked Pheasant, 12; Knot, 75; Purple Sandpiper, 2; Dunlin, 260; Great Black-backed Gull, 14; Herring Gull, 550; Ring-billed Gull, 2; Black-legged Kittiwake, 4; Mourning Dove, 34; Yellow-shafted Flicker, 4; Hairy Woodpecker, 4; Downy Woodpecker, 10; Horned Lark, 15; Blue Jay, 64; Common Crow, 36; Black-capped Chickadee, 102; White-breasted Nuthatch, 5; Red-breasted Nuthatch, 11; Brown Creeper, 1; Carolina Wren, 2; Robin, 7; Golden-crowned Kinglet, 1; Starling, 369; Myrtle Warbler, 5; **Yellow-breasted Chat, 1**; House Sparrow, 125; Eastern Meadowlark, 7; **Redwinged Blackbird, 42** (at feeder); Evening Grosbeak, 43; Purple Finch, 8; Common Redpoll, 1; Am. Goldfinch, 38; Slate-colored Junco, 159; Tree Sparrow, 135; Field Sparrow, 1; White-throated Sparrow, 42; Fox Sparrow, 4; Swamp Sparrow, 4; Song Sparrow, 54; Snow Bunting, 2. **Total,** 59 species; about 2715 individuals. (Seen in area count period, but not on count day: Am. Coot, Belted Kingfisher.)—Rosella S. Ames, Marian V. Brown, Mr. and Mrs. Al Wills.

62. Nantucket, Mass. (all points within a 15-mile diameter circle, centered to include whole island as in previous years; ocean 20%, harbor 10%, beaches and salt marshes 25%, fresh-water ponds 10%, deciduous and pine woods 10%, moors and open farmland 20%, roadside thickets 5%).—Dec. 27; 7 a.m. to 4:30 p.m. Partly cloudy; temp. 30° to 38°; wind NE, 10 m.p.h.; ground partially snow-covered, ponds frozen, extremely high tides. Nine observers in 3 parties. Total party-hours, 22 (5 on foot, 17 by car); total party-miles, 124 (5 on foot, 119 by car). ► Common Loon, 9; Red-throated Loon, 3; Horned Grebe, 12; Pied-billed Grebe, 11; Great Blue Heron, 4; Canada Goose, 119; Brant, 8; Black Duck, 103; Am. Widgeon, 3; Canvasback, 1; Greater Scaup, 98; Lesser Scaup, 8; Common Goldeneye, 61; Bufflehead, 18; Oldsquaw, 45; Common Eider, 438; White-winged Scoter, 2; Surf Scoter, 2; Hooded Merganser, 1; Red-breasted Merganser, 42; Red-tailed Hawk, 5; Marsh Hawk, 4; Sparrow Hawk, 6; Bobwhite, 3; Ring-necked Pheasant, 22; **Virginia Rail, 4**; Am. Coot, 1; Black-bellied Plover, 9; Ruddy Turnstone, 16; Common Snipe, 5; Knot, 1; Dunlin, 2; Sanderling, 38; Great Black-backed Gull, 61; Herring Gull, 1509; Mourning Dove, 10; Snowy Owl, 1; Yellow-shafted Flicker, 6; Horned Lark, 8; Blue Jay, 16; Common Crow, 66; Black-capped Chickadee, 15; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 3; Mockingbird, 3; Catbird, 1; Robin, 1; **Swainson's Thrush, 1** (only 1 eye, carefully identified—C. F.); Starling, 496; Myrtle Warbler, 62; House Sparrow, 101; Eastern Meadowlark, 73; Redwinged Blackbird, 12; Brown-headed Cowbird, 7; Evening Grosbeak, 20, Common Redpoll, 9; Pine Siskin, 14; Am. Goldfinch, 20; Slate-colored Junco, 1; Tree Sparrow, 38; **Chipping Sparrow, 1**; White-throated Sparrow, 7; Fox Sparrow, 1; Song Sparrow, 21. **Total,** 64 species; about 3689 individuals. (Seen in area count period, but not on count day: Black-crowned Night Heron, Sharp-shinned Hawk, Iceland Gull, Bonaparte's Gull, Belted Kingfisher, Common Grackle, Cardinal.)—Clinton Andrews, Edith Andrews (compiler), Sydney Coffin, Charles Ferreira, Helen Ferreira, Rena White.

63. Newburyport, Mass. (all points within a 15-mile diameter circle, center same as last 20 years).—

Dec. 27; 6 a.m. to 5 p.m.; temp. 15° to 35°; wind NW, light; ground mostly bare, streams open, ponds frozen. Twenty-nine observers in 7 parties. Total party-hours, 66 (25 on foot, 41 by car); total party-miles, 280 (30 on foot, 250 by car). ► Common Loon, 32; Horned Grebe, 432; Great Cormorant, 1; Great Blue Heron, 1; **Am. Bittern, 3;** Canada Goose, 557; Mallard, 364; Black Duck, 5000; Pintail, 76; Green-winged Teal, 3; Greater Scaup, 250; Common Goldeneye, 514; Bufflehead, 106; Oldsquaw, 112; **Harlequin Duck, 4**; White-winged Scoter, 27; Surf Scoter, 5; Hooded Merganser, 1; Common Merganser, 4; Red-breasted Merganser, 56; Cooper's Hawk, 1; Red-tailed Hawk, 3; Red-shouldered Hawk, 3; Rough-legged Hawk, 5; Marsh Hawk, 4; Sparrow Hawk, 13; Ruffed Grouse, 3; Ring-necked Pheasant, 27; **Killdeer, 1**; Purple Sandpiper, 74; Dunlin, 58; Sanderling, 11; Glaucous Gull, 1; Iceland Gull, 1; Great Black-backed Gull, 137; Herring Gull, 1832; Ring-billed Gull, 68; Black-headed Gull, 1 (regular now); Bonaparte's Gull, 27; Mourning Dove, **106**; Snowy Owl, 2; Short-eared Owl, **4**; Yellow-shafted Flicker, 10; Hairy Woodpecker, 21; Downy Woodpecker, 61; Horned Lark, 54; Blue Jay, 152; Common Crow, 355; Black-capped Chickadee, 358; **Boreal Chickadee, 2**; White-breasted Nuthatch, 47; Red-breasted Nuthatch, 3; Brown Creeper, 8; **Mockingbird, 2**; Robin, 16; Golden-crowned Kinglet, 12; Northern Shrike, 1; **Loggerhead Shrike, 1** (carefully identified—F.W.); Starling, 3388; Myrtle Warbler, 296; House Sparrow, 928; Eastern Meadowlark, 2; **Baltimore Oriole, 1**; **Brown-headed Cowbird, 2**; Evening Grosbeak, 94; Purple Finch, 26; Common Redpoll, 54; Am. Goldfinch, 156; Savannah Sparrow, 3; Slate-colored Junco, 240; **Oregon Junco, 1** (on 11 counts now!); Tree Sparrow, 446; Field Sparrow, 1; White-throated Sparrow, 12; Fox Sparrow, 1; Swamp Sparrow, 5; Song Sparrow, 51; Lapland Longspur, 67; Snow Bunting, 48. **Total,** 79 species; about 17,017 individuals.—D. C. Alexander (compiler), Mrs. D. C. Alexander, Ruth Alexander, Mr. and Mrs. Arthur Argue, Mr. and Mrs. Thomas Banes, Eleanor Barry, Mr. and Mrs. John I. Beattie, Mrs. Ruth Emery, Robert Flyn, Elmer Foye, Sally Gibbs, Winty Harrington, Stuart K. Harris, Leon Keach, Natalie King, Richard T. Kleber, Ben LaMar, Mrs. Stella Landis, Dr. and Mrs. Stephen Maddock, Lee Pollack, Mr. and Mrs. H. L. Strickland, Mr. and Mrs. Francis Wade, John Wills.

64. Northampton, Mass. (all points within a 15-mile diameter circle, center as in previous years).—Jan. 3; 6 a.m. to 5 p.m. Light rain a.m., clearing p.m.; temp. 40° to 45°; wind fresh SW; ponds frozen, streams and river partly frozen. Twenty-eight observers in 20 parties plus 28 at feeders only. Total party-hours, 65 (45 on foot, 20 by car); total party-miles, 135 (50 on foot, 85 by car). ► Mallard, 14; Black Duck, 137; **Pintail, 2**; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-shouldered Hawk, 1; **Rough-legged Hawk, 1**; **Marsh Hawk, 1**; Sparrow Hawk, 5; Ruffed Grouse, 6; Ring-necked Pheasant, 109; Herring Gull, 31; Mourning Dove, **152**; Great Horned Owl, 2; Long-eared Owl, 1; Belted Kingfisher, 3; **Yellow-shafted Flicker, 1**; Hairy Woodpecker, 46; Downy Woodpecker, 122; Horned Lark, 78; Blue Jay, 314; Common Crow, 928; Black-capped Chickadee, 518; **Boreal Chickadee, 9**; White-breasted Nuthatch, 144; Red-breasted Nuthatch, **65**; Brown Creeper, 18; Winter Wren, 1; Carolina Wren, 1; Mockingbird, 1; Catbird, 1; **Brown Thrasher, 2**; Robin, 2; Eastern Bluebird, 1; Golden-crowned Kinglet, 16; Northern Shrike, 1; Starling, 1788; House Sparrow, 1599; Eastern Meadowlark, 27; Redwinged Blackbird, 1; **Common Grackle, 1**; Brown-headed Cowbird, 23; **Cardinal, 10**; Evening Grosbeak, 833; Purple Finch, 14; Pine Grosbeak, 8; Common Redpoll, 1069; Pine Siskin, 4; Am. Goldfinch, 425; **Vesper Sparrow, 1**; Slate-colored Junco, 560; Tree Sparrow, 649; Field Sparrow, 4; White-throated Sparrow, **40**; **Fox Sparrow, 5**; Song Sparrow, **78**. **Total,** 56 species; about 9875 individuals. (Seen in area count period, but not on count day: Screech Owl, Barred Owl, Short-eared Owl, Rufous-sided Towhee, Savannah Sparrow, Lapland Longspur.)—Richard L. Ballman, L. M. Bartlett (compiler), S. A. Eliot, Jr., Margaret Ellsworth, Rudolph H. Stone.

65. Quincy, Mass. (all points within a 15-mile diameter circle, center Weymouth, including Quincy, Hingham, Hull, parts of Milton, Braintree, Cohasset; shore 50%, salt marsh 5%, open woods and park 30%, residential 15%).—Dec. 26; 7:45 a.m. to 4:45 p.m. Cloudy; temp. 30° to 38°; wind NW, 0-10 m.p.h. Fourteen observers in 4 parties. Total party-hours, 30 (19 on foot, 11 by car); total party-miles, 166 (12 on foot, 154 by car). ► Common Loon, 23; Red-throated Loon, 3; Red-necked Grebe, 1; Horned Grebe, 165; Great Cormorant, 209; Great Blue Heron, 3; Black-crowned Night Heron, 16; Mallard, 20; Black Duck, 1949; Green-winged Teal, 1; Canvasback, 1; Greater Scaup, **20,000**; Lesser Scaup, 2; Common Goldeneye, 2295; Bufflehead, 301; Oldsquaw, 16; Common Eider, 6; White-winged Scoter, 242; Surf Scoter, 12; Common Scoter, 3; Red-breasted Merganser, 490; Rough-legged Hawk, 1; Sparrow Hawk, 11; Ruffed Grouse, 4; Ring-necked Pheasant, 29; Purple Sandpiper, 29; Glaucous Gull, 1; Great Black-backed Gull, 292; Herring Gull, 10,800; Ring-billed Gull, 7; Mourning Dove, 50; Screech Owl, 1; Great Horned Owl, 2; Short-eared Owl, 3; Belted Kingfisher, 4; Yellow-shafted Flicker, 7; Hairy Woodpecker, 5; Downy Woodpecker, 42; Horned Lark, 150; Blue Jay, 50; Common Crow, 80; Black-capped Chickadee, 250; White-breasted Nuthatch, 24; Red-breasted Nuthatch, 1; Brown Creeper, **16**; **Catbird, 1**; Robin, 5; Hermit Thrush, 1; Golden-crowned Kinglet, 32; **Water Pipit, 2**; Cedar Waxwing, 21; Starling, 78,000; Myrtle Warbler, 26; House Sparrow, 570; Eastern Meadowlark, 11; Redwinged Blackbird, 2; Common Grackle, 2; Brown-headed Cowbird, 3; Cardinal, 1; Evening Grosbeak, 119; Purple Finch, 30; **House Finch, 1** (at feeder—many observers); Common Redpoll, 5; Am. Goldfinch, 107; **Red Crossbill, 1**; Savannah Sparrow, 2; Slate-colored Junco, 148; Tree Sparrow, 146; Field Sparrow, 2; **Golden-crowned Sparrow, 1** (at feeder many times since—numerous observers); White-throated Sparrow, 35; Swamp Sparrow, 8; Song Sparrow, 94; Lapland Longspur, 1; Snow Bunting, 5. **Total,** 75 species; about 116,999 individuals. (Seen in area count period, but

not on count day: Mute Swan, Common Merganser, Red-tailed Hawk, Yellow-breasted Chat, Baltimore Oriole.)—J. Buffington, C. Clark, R. Fox, W. Hanley, D. Harrington, W. Harrington, S. Higginbotham (compiler), J. Howland, A. Keith, J. Nelson, J. O'Regan, B. Raymond, H. Walsh, G. Wilson.

66. **Springfield, Mass.** (all points within a 15-mile diameter circle, center 1 mile west of Pine Point as last 4 years).—Jan. 2; 7 a.m. to 5 p.m. Clear; temp. 4° to 38°; wind S, 8 m.p.h.; snow on ground, ponds frozen, rivers partly open. Sixty-six observers in 17 parties. Total party-hours, 96 (66 on foot, 30 by car); total party-miles, 389 (75 on foot, 314 by car). ► Great Blue Heron, 1; Canada Goose, 3; Mallard, 407; Black Duck, 123; Pintail, 1; **Shoveler,** 1; Wood Duck, 7; **Canvasback, 1**; **Greater Scaup,** 1; Common Goldeneye, 20; Common Merganser, 80; Goshawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 5; Red-shouldered Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 4; Ruffed Grouse, 11; Ring-necked Pheasant, 63; Killdeer, 1; **Am. Woodcock, 1** (seen well); Great Black-backed Gull, 6; Herring Gull, 245; Mourning Dove, **208**; Barred Owl, 1; Belted Kingfisher, 3; Hairy Woodpecker, 47; Downy Woodpecker, **130**; Horned Lark, 374; Blue Jay, 512; Common Crow, 1035; Black-capped Chickadee, **848**; **Boreal Chickadee, 3**; Tufted Titmouse, **4** (at feeders); White-breasted Nuthatch, **146**; Red-breasted Nuthatch, **81**; Brown Creeper, **50**; Winter Wren, 2; Carolina Wren, 1; **Mockingbird, 1**; **Catbird, 1**; **Brown Thrasher,** 1; Robin, 18; Hermit Thrush, 1; Golden-crowned Kinglet, **47**; Ruby-crowned Kinglet, 6; Starling, 5846; House Sparrow, 1229; Eastern Meadowlark, 2; Redwinged Blackbird, 2; Brown-headed Cowbird, **920**; Cardinal, **11**; Evening Grosbeak, 360; Purple Finch, 61; Pine Grosbeak, 1; Common Redpoll, **1153**; Pine Siskin, 19; Am. Goldfinch, 242; Slate-colored Junco, 659; Tree Sparrow, 1410; Field Sparrow, 10; **White-crowned Sparrow, 2** (1 each at 2 widely separated feeders); White-throated Sparrow, **74**; Fox Sparrow, 2; Swamp Sparrow, 4; Song Sparrow, **205**; Snow Bunting, 3. **Total,** 67 species; about 16,722 individuals. (Seen in area count period, but not on count day: Am. Widgeon, Bald Eagle, Pileated Woodpecker, Northern Shrike, Baltimore Oriole.)—Mr. and Mrs. Richard L. Ballman (compilers), Mr. and Mrs. Moreton R. Bates, Daniel Binnenkade, Mrs. C. W. Blake, Daniel Chevalier, Edward Doherty, Mrs. John Frisbie, Andrew Magee, Allen Mytkowicz, James Mytkowicz, Mabel Potter, George P. Rickards, Richard Rudzik, Rudolph H. Stone, Gladys Todd, Mr. and Mrs. Daniel C. Trombla, Mildred Tyler, Mrs. William Wiese.

67. **Ware, Mass.** (all points within a 15-mile diameter circle, center 1 mile north of Town Hall; town gardens 5%, farmland 20%, woodland 15%, marsh 20%, reservoirs and watersheds 40%).—Dec. 27; 7:30 a.m. to 4:30 p.m. Overcast; temp. 31° to 40°; wind N, 0-5 m.p.h.; traces of old snow, water open except ponds. Thirteen observers in 5 parties. Total party-hours, 39 (18 on foot, 21 by car); total party-miles, 46 (15 on foot, 31 by car). ► Horned Grebe, 4; Mallard, 4; Black Duck, 224; Common Goldeneye, 10; Hooded Merganser, 2; Common Merganser, 56; Red-tailed Hawk, 4; Bald Eagle, 4; Ruffed Grouse, 3; Ring-necked Pheasant, 20; Iceland Gull, 3; Herring Gull, 318; Mourning Dove, 4; Hairy Woodpecker, 10; Downy Woodpecker, 21; Blue Jay, 192; Common Crow, 54; Black-capped Chickadee, 170; **Boreal Chickadee, 1**; White-breasted Nuthatch, 18; Red-breasted Nuthatch, 2; Brown Creeper, 6; Robin, 3; Golden-crowned Kinglet, 19; Northern Shrike, 1; Starling, 462; House Sparrow, 240; Brown-headed Cowbird, 41; Evening Grosbeak, 72; Purple Finch, 8; Pine Grosbeak, 4; Common Redpoll, 4; Pine Siskin, 25; Am. Goldfinch, 24; Slate-colored Junco, 52; Tree Sparrow, 38; White-throated Sparrow, 5; Song Sparrow, 5. **Total,** 38 species; about 2133 individuals. (Seen in area count period, but not on count day: Pileated Woodpecker, Catbird, Cardinal, Fox Sparrow, Swamp Sparrow, Snow Bunting.)—L. G. Albertine, M. E. Albertine, S. T. Berube, W. H. Berube, A. D. Bramble, A. D. Bramble, Jr., M. Bramble, L. A. Campbell, L. M. Campbell, D. D. Conkey, J. H. Conkey (compiler), J. Madigan, L. R. Marland (Quabbin Bird Club).

68. **Worcester, Mass.** (all points within a 15-mile diameter circle, center at Worcester city line on West Boylston Drive, includes Worcester, Boylston, West Boylston, Sterling, Clinton).—Jan. 2; 8 a.m. to 4:45 p.m. Clear; temp. 10° to 34°; wind S, 0-5 m.p.h.; 4-in. crusted snow, reservoir mostly open. Five observers in 1 party. Total party-hours, 8¾; total party-miles, 56 (1 on foot, 55 by car). ► Black-crowned Night Heron, 2; Mallard, **215**; Black Duck, **445**; Green-winged Teal, 1; Common Goldeneye, 8; Common Merganser, 41; buteo (sp.), 1; Sparrow Hawk, 1; Ring-necked Pheasant, 6; Herring Gull, 160; Mourning Dove, 3; Belted Kingfisher, 1; Hairy Woodpecker, 1; Downy Woodpecker, 1; Blue Jay, 20; Common Crow, 10; Black-capped Chickadee, 20; **Boreal Chickadee, 1**; White-breasted Nuthatch, 3; Golden-crowned Kinglet, 1; Starling, 35; House Sparrow, 25; Brown-headed Cowbird, 4; Evening Grosbeak, 45; Common Redpoll, 8; Am. Goldfinch, 9; Slate-colored Junco, 6; Tree Sparrow, 10; Field Sparrow, **10**; White-throated Sparrow, 2; Song Sparrow, 2. **Total,** 31 species; about 1098 individuals.—Mr. and Mrs. Davis H. Crompton (compilers), Mr. and Mrs. Philip B. Heywood, Francis X. McMenemy.

69. **Newport County, R. I. and Westport, Mass.** (all points within a 15-mile diameter circle, center Little Compton as in last 10 years).—Dec. 27; 6 a.m. to 5:15 p.m. Partly cloudy to cloudy; temp. 30° to 38°; wind NE, 10-12 m.p.h.; remnant snow cover, ponds and inlets iced. Thirty-four observers in 9 parties. Total party-hours, 95 (47 on foot, 48 by car); total party-miles, 405 (95 on foot, 310 by car). ► Common Loon, 136; Red-throated Loon, 99; Red-necked Grebe, 3; Horned Grebe, 890; Pied-billed Grebe, 1; Gannet, 1; Great Cormorant, 537; Great Blue Heron, 35; Black-crowned Night Heron, 1; Am. Bittern, 3; Mute Swan, 37; Canada Goose, 891; Mallard, 26; Black Duck, 1158; Pintail, 35; **Common Teal, 1** (male—2 parties); Green-winged Teal, 7; Am. Widgeon, 50; Greater Scaup, 1862; Common Golden-

eye, 1389; Bufflehead, 391; Common Eider, 2; **King Eider, 1** (5 present for weeks); White-winged Scoter, 1078; Surf Scoter, 205; Common Scoter, 107; Hooded Merganser, 2; Common Merganser, 52; Red-breasted Merganser, 680; Cooper's Hawk, 2; Red-tailed Hawk, 10; Red-shouldered Hawk, 3; Marsh Hawk, 20; Peregrine Falcon, 2; Pigeon Hawk, 1; Sparrow Hawk, 43; Ruffed Grouse, 1; Bobwhite, 35; Ring-necked Pheasant, 69; Virginia Rail, 3; **Sora, 1** (good study by entire party); Am. Coot, 4; Black-bellied Plover, 1; **Ruddy Turnstone, 1**; Common Snipe, 12; Purple Sandpiper, 288; Dunlin, 788; Sanderling, 33; Great Black-backed Gull, 262; Herring Gull, 3598; Ring-billed Gull, 101; Bonaparte's Gull, 357; Mourning Dove, 225; Barn Owl, 2; Screech Owl, 8; Great Horned Owl, 11; Barred Owl, 1; Long-eared Owl, 10; Short-eared Owl, 3; Belted Kingfisher, 9; Yellow-shafted Flicker, 36; **Yellow-bellied Sapsucker, 1**; Hairy Woodpecker, 11; Downy Woodpecker, 42; Horned Lark, 753; Blue Jay, 561; Common Crow, 383; Fish Crow, 1; Black-capped Chickadee, 353; White-breasted Nuthatch, 23; Red-breasted Nuthatch, 11; Brown Creeper, 19; **House Wren, 1**; Winter Wren, 5; Carolina Wren, 25; Long-billed Marsh Wren, 5; Mockingbird, **9**; Catbird, 16; Brown Thrasher, 2; Robin, 57; Hermit Thrush, 13; Eastern Bluebird, 14; Golden-crowned Kinglet, 77; Water Pipit, 1; Cedar Waxwing, 2; Loggerhead Shrike, 9; Starling, 3060; Myrtle Warbler, 266; Palm Warbler, 2; House Sparrow, 580; Eastern Meadowlark, 405; Redwinged Blackbird, 97; **Rusty Blackbird, 2**; Common Grackle, 10; Brown-headed Cowbird, 688; **Cardinal, 5**; Evening Grosbeak, 36; Purple Finch, 52; Common Redpoll, 2; Pine Siskin, 31; Am. Goldfinch, 207; Rufous-sided Towhee, 30; Ipswich Sparrow, 2; Savannah Sparrow, 118; Vesper Sparrow, 1; Slate-colored Junco, 316; Tree Sparrow, 335; Field Sparrow, 56; White-throated Sparrow, 374; Fox Sparrow, 16; Swamp Sparrow, 29; Song Sparrow, 210; Lapland Longspur, 15; Snow Bunting, 212. **Total,** 114 species; about 25,171 individuals.—D. Atwater, J. Baird, B. Blackwell, C. Blake, R. Bowen, R. C. Clement, Mr. and Mrs. A. Craig, S. Crawford, Mr. and Mrs. M. Curry, S. S. Dana (compiler), Mrs. M. Davenport, H. Day, W. Dean, D. Emerson, M. Hamberg, B. Harrington, N. Hill, G. Kellenberger, D. L. Kraus, I. Leven, R. MacLachlan, J. Mahoney, H. Parker, Mrs. R. Pepperell, Francis Perry, P. Scott, W. Scott, Mr. and Mrs. M. Smith, Elizabeth Weeks, J. Weske, E. P. Wilson.

70. South Kingstown, R. I. (all points within a 15-mile diameter circle, center about .1 mile north of intersection of Ministerial and Tuckertown Rds. in South Kingstown as in last 9 years).—Jan. 1; 6:30 a.m. to 4:45 p.m. Cloudy; temp. 22° to 35°; wind NW, 2-15 m.p.h.; ground covered by 2-in. powdery snow, fresh and brackish ponds mostly frozen. Sixteen observers in 4 parties. Total party-hours, 41 (30 on foot, 11 by car); total party-miles, 200 (30 on foot, 170 by car). ► Common Loon, 51; Red-throated Loon, **66**; Horned Grebe, 132; Gannet, 1; Great Cormorant, 63; Great Blue Heron, 21; **Black-crowned Night Heron, 1**; Am. Bittern, 2; Mute Swan, **76**; Canada Goose, 103; Mallard, 26; Black Duck, 1874; Am. Widgeon, 18; Redhead, 1; Ring-necked Duck, 2; Canvasback, 18; Greater Scaup, 1025; Common Goldeneye, 447; Bufflehead, **104**; Oldsquaw, 3; Common Eider, 1; **King Eider, 1** (carefully identified at close range); White-winged Scoter, 71; Surf Scoter, 3; Common Scoter, 170; Common Merganser, 109; Red-breasted Merganser, 129; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 6; Red-shouldered Hawk, 1; Bald Eagle, 2; Marsh Hawk, 2; Sparrow Hawk, 10; Ruffed Grouse, 1; Bobwhite, 14; Ring-necked Pheasant, 1; Virginia Rail, 1; Killdeer, 2; Common Snipe, 3; Purple Sandpiper, 96; Dunlin, 25; Iceland Gull, 1; Great Black-backed Gull, 305; Herring Gull, **2015**; Ring-billed Gull, 44; **Laughing Gull, 2** (W.D., D.E.); Bonaparte's Gull, 340; Mourning Dove, 47; Belted Kingfisher, 5; Yellow-shafted Flicker, 14; Hairy Woodpecker, 4; Downy Woodpecker, **34**; **Eastern Phoebe, 1**; Horned Lark, 194; Blue Jay, **248**; Common Crow, 218; Black-capped Chickadee, 264; **Tufted Titmouse, 1** (at feeder); White-breasted Nuthatch, 17; Red-breasted Nuthatch, 3; Brown Creeper, **8**; Carolina Wren, 4; Long-billed Marsh Wren, 1; Mockingbird, 1; Catbird, 4; Brown Thrasher, 3; Robin, 72; Hermit Thrush, 4; Eastern Bluebird, 9; Golden-crowned Kinglet, 7; Loggerhead Shrike, 3; Starling, 893; Myrtle Warbler, 89; House Sparrow, 211; Eastern Meadowlark, 92; Redwinged Blackbird, 6; Common Grackle, 1; Brown-headed Cowbird, 125; Cardinal, 1; Evening Grosbeak, 79; Purple Finch, 10; **Common Redpoll, 1**; Pine Siskin, 2; Am. Goldfinch, 28; Rufous-sided Towhee, 21; Ipswich Sparrow, 2; Savannah Sparrow, 54; Vesper Sparrow, 2; Slate-colored Junco, 216; Tree Sparrow, 456; **Chipping Sparrow, 4** (4 observers); Field Sparrow, 26; White-throated Sparrow, 203; Fox Sparrow, 14; Swamp Sparrow, **64**; Song Sparrow, 37; Snow Bunting, 50. **Total,** 98 species; about 11,245 individuals.—S. Crawford, Mr. and Mrs. T. M. Curry, Jr., Mrs. A. Davenport, W. Dean, E. Dearborn, D. Emerson, R. Ferren, H. Gates, T. Greene, K. Kinsey, D. Kraus (compiler), E. Parker, F. Perry, C. Wood, R. Woodruff.

71. Greenwich–Stamford, Conn. (all points within a 15-mile diameter circle, center at Rockwood Lake; essentially Port Chester, N. Y. count of 45 years moved slightly).—Dec. 27; 6 a.m. to 5 p.m. Cloudy, fog until noon; temp. 36° to 43°; wind E, 5 m.p.h.; 2-in. snow cover, ponds frozen, lakes open. Seventy-one observers in 15 parties. Total party-hours, 91 (55 on foot, 36 by car); total party-miles, 312 (79 on foot, 233 by car). ► Common Loon, 4; Red-throated Loon, 1; Horned Grebe, 142; Pied-billed Grebe, 2; Great Cormorant, 2; Great Blue Heron, 12; Black-crowned Night Heron, 2; Mute Swan, 34; Canada Goose, 239 (1 Lesser); **Snow Goose, 1** (present all month); Mallard, 745; Black Duck, 748; Pintail, 1; Am. Widgeon, 32; Wood Duck, 3; Redhead, 1; Ring-necked Duck, 17; Canvasback, 57; Greater Scaup, 1287; Lesser Scaup, 2; Common Goldeneye, 115; Bufflehead, 133; Oldsquaw, 108; White-winged Scoter, 79; Surf Scoter, 8; Common Scoter, 2; Hooded Merganser, 3; Common Merganser, 319; Red-breasted Merganser, 55; Cooper's Hawk, 1; Red-tailed Hawk, 9; Red-shouldered Hawk, 7; Sparrow Hawk, 5; Ruffed

Grouse, **22**; Ring-necked Pheasant, 24; Clapper Rail, 4; Am. Coot, 1; Killdeer, 16; Great Black-backed Gull, 17; Herring Gull, 1007; Ring-billed Gull, 44; Mourning Dove, 374; Screech Owl, 1; Great Horned Owl, 3; Barred Owl, 1; Long-eared Owl, 1; Belted Kingfisher, 6; Yellow-shafted Flicker, 6; Pileated Woodpecker, 4; Hairy Woodpecker, **60**; Downy Woodpecker, 166; Horned Lark, 4; Blue Jay, 358; Common Crow, 236; Black-capped Chickadee, 714; Tufted Titmouse, 123; White-breasted Nuthatch, **173**; Red-breasted Nuthatch, 2; Brown Creeper, 21; Winter Wren, 4; Carolina Wren, 5; Catbird, 2; Brown Thrasher, 1; Robin, 35; Hermit Thrush, 1; Eastern Bluebird, 48; Golden-crowned Kinglet, 41; Ruby-crowned Kinglet, 1; Starling, 4062; Myrtle Warbler, 3; House Sparrow, 640; Eastern Meadowlark, 5; Common Grackle, 23; Brown-headed Cowbird, 491; Cardinal, 128; Evening Grosbeak, 226; Purple Finch, 45; House Finch, 67; Common Redpoll, 95; Pine Siskin, 16; Am. Goldfinch, 275; Rufous-sided Towhee, 7; Savannah Sparrow, 6; **Vesper Sparrow, 35** (present in plowed field since Nov.—many observers); Slate-colored Junco, 585; Tree Sparrow, 587; Field Sparrow, 27; White-throated Sparrow, 166; Fox Sparrow, **29**; Swamp Sparrow, 1; Song Sparrow, 132. **Total,** 91 species (1 additional race); about 15,353 individuals. (Seen in area count period, but not on count day: Ruddy Duck, Saw-whet Owl, Snowy Owl, **House Wren,** Pine Grosbeak.)—B. Adams, Mrs. J. Alexander, G. Bent, P. Bent, E. Blodgett, L. Bowen, L. Bradley, A. Bristow, H. Bristow, Mrs. L. Chamberlain, Mrs. J. Clapp, W. B. Cook (compiler), H. Coombs, L. Coombs, T. Coombs, V. Cypher, Mr. and Mrs. R. Dix, Mrs. E. Easton, C. Ellis, D. Fiero, Mrs. A. Geiffert, Mrs. W. Geiss, Mrs. E. Gilcrist, Mrs. R. Gildersleeve, Mrs. R. Girdler, E. Hamann, D. Hennington, H. Hennington, L. Holmes, M. Howe, D. Junkin, Mrs. J. Koste, R. Kugel, T. Lanz, N. Lethbridge, Mrs. C. Lofgren, D. Lord, J. Malone, Mrs. J. Malone, D. Morton, P. Newman, Mrs. R. Norton, D. Patt, Mr. and Mrs. G. Peer, J. Quarles, Jr., J. Ritchie, Mrs. T. Rochow, R. Rommell, Mrs. J. Roop, F. Rose, W. Russell, Mr. and Mrs. J. Schmid, Mrs. H. Schmidt, P. Schmidt, A. Schulman, R. Schweitzer, N. Shoumatoff, N. A. Shoumatoff, G. Simmons, P. C. Spofford, J. Stahl, S. Stanley, J. Swallen, R. Thompson, M. Van Winkle, Jr., Mrs. L. Winton, V. Wystrach, J. Young (Greenwich Audubon Society assisted by Bedford, New Canaan, Sawmill River, and Westport Audubon Societies and Stamford Museum and Nature Center).

72. **Hartford, Conn.** (all points within a 15-mile diameter circle, center Old State House).—Dec. 26; 12:01 a.m. to 4 p.m. Clear; temp. 34° to 41°; wind SW, 5 m.p.h.; 2-in. snow. Forty observers in 28 parties. Total party-hours, 125 (84 on foot, 41 by car); total party-miles, 527 (81 on foot, 446 by car). ► Great Blue Heron, 2; Mallard, 410; Black Duck, 289; Pintail, 27; Am. Widgeon, 3; Wood Duck, 4; Lesser Scaup, 1; Common Goldeneye, 4; Common Merganser, 81; Sharp-shinned Hawk, 1; Cooper's Hawk, 3; Red-tailed Hawk, 11; Red-shouldered Hawk, 8; Rough-legged Hawk, 1; Bald Eagle, 2; Marsh Hawk, 1; Sparrow Hawk, 34; Ruffed Grouse, 12; Bobwhite, 3; Ring-necked Pheasant, 70; **Virginia Rail, 2**; Killdeer, 7; Common Snipe, **22**; **Iceland Gull,** 1 (seen well); Great Black-backed Gull, 2; Herring Gull, 268; Ring-billed Gull, 38; Mourning Dove, 1126; Barn Owl, 1; Screech Owl, 5; Great Horned Owl, 3; Barred Owl, 2; Long-eared Owl, 1; Short-eared Owl, 9; Saw-whet Owl, 1; Belted Kingfisher, 9; Yellow-shafted Flicker, 7; Pileated Woodpecker, 3; Hairy Woodpecker, 63; Downy Woodpecker, 175; Horned Lark, 552; Blue Jay, 592; Common Crow, 1464; Black-capped Chickadee, 661; Tufted Titmouse, 22; White-breasted Nuthatch, 99; Red-breasted Nuthatch, 33; Brown Creeper, 16; Winter Wren, 5; Carolina Wren, 4; **Mockingbird,** 1; **Catbird,** 2; Robin, 22; Eastern Bluebird, 21; Golden-crowned Kinglet, 62; Ruby-crowned Kinglet, 1; Water Pipit, 20; Cedar Waxwing, 6; Northern Shrike, 5; Loggerhead Shrike, 1; Starling, 10,326; Myrtle Warbler, 2; Palm Warbler, 1; House Sparrow, 1257; Eastern Meadowlark, 63; Redwinged Blackbird, 4; Rusty Blackbird, 4; Common Grackle, 551; Brown-headed Cowbird, **3181**; Cardinal, 33; **Black-headed Grosbeak,** 1 (present since Oct.); Evening Grosbeak, 164; Purple Finch, 90; Pine Grosbeak, 3; Common Redpoll, 398; Pine Siskin, 75; Am. Goldfinch, 578; Rufous-sided Towhee, 1; Savannah Sparrow, 25; Slate-colored Junco, 928; **Oregon Junco, 1 (P.I.)**; Tree Sparrow, 1254; Field Sparrow, 107; White-throated Sparrow, 243; Fox Sparrow, 10; Swamp Sparrow, 20; Song Sparrow, 358; Lapland Longspur, 6; Snow Bunting, 6. **Total,** 89 species; about 25,991 individuals. (Seen in area count period, but not on count day: Baltimore Oriole.)—Mr. and Mrs. Herbert Austin, George Austin, Robert Belden, Mr. and Mrs. E. Alexander Bergstrom, Lloyd Burwood, Bartram Cadbury, Mrs. Arthur Engstrom, Mrs. Robert Goodell, Gladys Goodrich, Mr. and Mrs. David M. Hadlow, Peter Isleib, Jack O'Brien, Mrs. Thomas Rhines, Mrs. Thomas Sargent, Victoria Schuetz, Thomas Shires, Samuel Sweet, Lee Whittles, Mrs. Staunton Williams, James Woodson.

73. **Litchfield Hills, Conn.** (all points within a 15-mile diameter circle, center top of Wheeler Hill north of Bantam Lake as in other years).—Dec. 27; 7 a.m. to 5 p.m. Heavy overcast, occasional light rain; temp. 28° to 40°; wind negligible; trace of snow on ground, lakes and ponds frozen over. Twenty-one observers in 9 parties plus 11 at feeders only. Total party-hours, 50 (27 on foot, 23 by car); total party-miles, 180 (27 on foot, 153 by car). ► Canada Goose, 2; Mallard, 175; Black Duck, 52; Wood Duck, 1; Hooded Merganser, 1; Red-tailed Hawk, 1; **Marsh Hawk,** 1; Sparrow Hawk, 1; Ruffed Grouse, 11; Ring-necked Pheasant, 2; Turkey, 4; **Virginia Rail,** 1; Am. Coot, 20; Herring Gull, 1; Mourning Dove, 12; Hairy Woodpecker, 24; Downy Woodpecker, 68; Horned Lark, **150**; Blue Jay, 158; Common Crow, 101; Black-capped Chickadee, 269; Tufted Titmouse, 7; White-breasted Nuthatch, 56; Red-breasted Nuthatch, **20**; Brown Creeper, 6; Winter Wren, 1; **Brown Thrasher,** 1; Robin, 4; Golden-crowned Kinglet, 29; Starling, 422; House Sparrow, 316; Eastern Meadowlark, 6; Rusty Blackbird, **15**; Brown-headed Cowbird, 3; Cardinal, 1; Evening Grosbeak, 88; Purple Finch, 6; Common Redpoll, 30; Pine

Siskin, 9; Am. Goldfinch, 54; Slate-colored Junco, 144; Tree Sparrow, 241; White-throated Sparrow, 5; Fox Sparrow, 2; Song Sparrow, 7. **Total,** 45 species; about 2528 individuals. (Seen in area count period, but not on count day: Screech Owl, Barred Owl, Belted Kingfisher, Yellow-shafted Flicker, Rufous-sided Towhee.)—William C. Bader, Ruth C. Bothroyd, Mrs. Emily Coe, Mrs. Louise Castelli, Jean and Helene Dautrich, Mitchell and Geoffry Gratwick, Mr. and Mrs. C. S. Gunnarson, John Hessel, Sidney A. Hessel (compiler), Sam and Jean Lincoln, Gordon Loery, Reginald and Frances Miles, Mrs. Roberta Ongley, Mr. and Mrs. Nellis Rood, Mr. and Mrs. Herbert Root, Winnifred D. Rouillion, Mrs. A. S. Smith, Dr. and Mrs. John E. Sutton, Mary P. Thompson, Mrs. Irving G. Tunick, Ralph and Evelyn Wadhams, Guy H. Whittall, George R. Wilson, Jr.

74. New Haven, Conn. (all points within a 15-mile diameter circle, center New Haven Green as last year).—Jan. 2; 6:30 a.m. to 5 p.m. Temp. 12° to 35°; wind variable, 5-8 m.p.h.; 2-in. snow cover, lakes and ponds frozen. Twelve observers in 4 parties. Total party-hours, 28 (14 on foot, 14 by car); total party-miles, 125 (26 on foot, 99 by car). ► Red-throated Loon, 5; Horned Grebe, 31; Double-crested Cormorant, 3; Great Blue Heron, 2; Mallard, 46; Black Duck, 679; Am. Widgeon, 95; Redhead, 1; Ring-necked Duck, 1; Canvasback, 116; Greater Scaup, 1250+; Lesser Scaup, 1; Common Goldeneye, 215; Bufflehead, 60; Oldsquaw, 20; White-winged Scoter, 54; Common Merganser, 2; Red-breasted Merganser, 26; Red-tailed Hawk, 1; Sparrow Hawk, 3; Ruffed Grouse, 2; Ring-necked Pheasant, 1; Am. Coot, 5; Killdeer, 5; Great Black-backed Gull, 9; Herring Gull, 1050; Ring-billed Gull, 190; Bonaparte's Gull, 89; Mourning Dove, 48; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 12; Horned Lark, 60; Blue Jay, 32; Common Crow, 19; Black-capped Chickadee, 52; Tufted Titmouse, 3; White-breasted Nuthatch, 16; Brown Creeper, 6; Winter Wren, 1; Carolina Wren, 1; Brown Thrasher, 1; Robin, 7; Eastern Bluebird, 14; Ruby-crowned Kinglet, 2; Starling, 1700+; House Sparrow, 35; Eastern Meadowlark, 40; Redwinged Blackbird, 100; Brown-headed Cowbird, **364**; Cardinal, 9; Evening Grosbeak, 2; Purple Finch, 3; Common Redpoll, 4; Am. Goldfinch, 9; Savannah Sparrow, 2; Slate-colored Junco, 68; Tree Sparrow, 41; Field Sparrow, 4; White-throated Sparrow, 26; Fox Sparrow, 3; Swamp Sparrow, 3; Song Sparrow, 16; Lapland Longspur, 1. **Total,** 65 species; about 6671 individuals.—E. Boyd, R. English, F. Farrel, J. Goetsch, G. Greenman, M. Mack, C. Rendiero, E. Stephenson, E. Stoddard, W. Stoddard (compiler), B. Ulman, J. Ulman.

75. New London, Conn. (all points within a 15-mile diameter circle, center at intersection of Gardner and Ocean Avenues, including L. I. Sound from Rocky Neck to Masons Island, Thames River north to Gales Ferry; shore and sound 45%, estuaries and bays 10%, marsh 2%, lakes 3%, deciduous woodland 15%, brushland 8%, fields 7%, suburban 10%, 12 feeding stations).—Dec. 26; 7 a.m. to 7:30 p.m. Overcast; temp. 37° to 42°; wind SW, 0-5 m.p.h.; ground with 1-2-in. snow, fresh water frozen. Twenty-six observers in 8 parties. Total party-hours, 56 (10 on foot, 46 by car); total party-miles, 302 (14 on foot, 288 by car). ► Common Loon, 20; Horned Grebe, 298; Great Cormorant, 19; Double-crested Cormorant, 18; Great Blue Heron, 21; Black-crowned Night Heron, 2; Mute Swan, 56; Canada Goose, 156; Mallard, 291; Black Duck, 710; Gadwall, 2; Green-winged Teal, 4; Am. Widgeon, 67; Canvasback, 67; Greater Scaup, 702; Lesser Scaup, 5; Common Goldeneye, 664; Bufflehead, 308; Oldsquaw, 14; White-winged Scoter, 16; Surf Scoter, 8; Common Scoter, 4; Hooded Merganser, 40; Common Merganser, 109; Red-breasted Merganser, 231; Sharp-shinned Hawk, 1; Red-shouldered Hawk, 1; Marsh Hawk, 1; Peregrine Falcon, 1; Sparrow Hawk, 14; Bobwhite, 26; Ring-necked Pheasant, 8; Am. Coot, 9; Killdeer, 1; Greater Yellowlegs, 1; Purple Sandpiper, 14; Great Black-backed Gull, 78; Herring Gull, 2587; Ring-billed Gull, 36; Bonaparte's Gull, 49; Mourning Dove, 38; Screech Owl, 1; Great Horned Owl, 2; Belted Kingfisher, 12; Yellow-shafted Flicker, 9; Hairy Woodpecker, 16; Downy Woodpecker, 39; Blue Jay, 190; Common Crow, 168; Fish Crow, 19; Black-capped Chickadee, 225; Tufted Titmouse, 1; White-breasted Nuthatch, 27; Red-breasted Nuthatch, 11; Brown Creeper, 9; Winter Wren, 1; Carolina Wren, 19; Catbird, 3; Brown Thrasher, 1; Robin, 12; Eastern Bluebird, 6; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 4; Cedar Waxwing, 8; **Loggerhead Shrike, 1**; Starling, 1983; Myrtle Warbler, 8; House Sparrow, 321; Eastern Meadowlark, 54; Redwinged Blackbird, 4; Rusty Blackbird, 1; Common Grackle, 37; Brown-headed Cowbird, **735**; Cardinal, 20; Dickcissel, 2; Evening Grosbeak, 244; Purple Finch, 43; Pine Siskin, 2; Am. Goldfinch, 53; Rufous-sided Towhee, 7; Slate-colored Junco, 223; Tree Sparrow, 152; Field Sparrow, 45; White-throated Sparrow, 137; Fox Sparrow, 17; Swamp Sparrow, 1; Song Sparrow, 275. **Total,** 87 species; about 11,847 individuals. (Seen in area count period, but not on count day: Red-throated Loon, Ring-necked Duck, Ruffed Grouse, Horned Lark, Palm Warbler, Baltimore Oriole.)—Nancy Barnes, David Bates, Mr. and Mrs. Kenneth Bates, Mr. and Mrs. Thomas Bates, Sylvia Bixler, Lawrence Brooks, Dr. and Mrs. Walter Brown, Katherine Dench, Mr. and Mrs. Frank Eastman, Mrs. Paul H. Garrett, Richard H. Goodwin (compiler), Richard H. Goodwin, Jr., Mr. and Mrs. John Leboc, Mrs. Douglas MacGregor, Mrs. Frank Maynard, Walter J. Moran, Mr. and Mrs. Maynard Peterson, Mrs. Frank Schubert, Paul H. R. Waldron, Mrs. D. J. Wallace, William L. Wylie.

76. Oxford, Conn. (all points within a 15-mile diameter circle; from Housatonic River east thru Route 67, and from Oxford-Southbury town line south to Great Hill Road and Route 188; brushland 65%, woodland 10%, open land 5%, river shore 5%, suburban 15%).—Dec. 24; 7:20 a.m. to 4:40 p.m. Clear; temp. 12° to 22°; wind N, 0-20 m.p.h.; ponds frozen, river mostly open, 3-in. snow. One observer. Total party-hours, 9 1/3 (8 1/3 on foot, 1 by car); total party-miles, 34 (9 on foot, 25 by car). ► Black Duck, 5; Red-shouldered Hawk, 1; Ruffed Grouse, 4; Her-

ring Gull, 3; Hairy Woodpecker, 3; Downy Woodpecker, 9; Blue Jay, 43; Common Crow, 23; Black-capped Chickadee, 65; White-breasted Nuthatch, 7; Brown Creeper, 2; Winter Wren, 3; Robin, 5; Eastern Bluebird, 4; Golden-crowned Kinglet, 8; Starling, 40; House Sparrow, 37; Cardinal, 3; Common Redpoll, 17; Slate-colored Junco, 68; Tree Sparrow, 103; Field Sparrow, 11; White-throated Sparrow, 17; Song Sparrow, 24; Snow Bunting, 1. **Total,** 25 species; about 506 individuals.—Alfred P. Harger.

77. **Saybrook–Old Lyme, Conn.** (all points within a 15-mile diameter circle, including Long Island Sound from Lyme to Hammonasset, Connecticut River north to Hadlyme-Chester Ferry).—Jan. 2; 3 a.m. to 5:40 p.m.; temp. 17° to 44°; wind 0-4 m.p.h. Twenty-nine observers in 11 parties. Total party-hours, 105 (34 on foot, 69 by car, 2 by boat); total party-miles, 502 (69 on foot, 426 by car, 7 by boat). ► Common Loon, 22; Red-throated Loon, 46; Red-necked Grebe, 1; Horned Grebe, 196; Pied-billed Grebe, 6; Great Cormorant, 2; Great Blue Heron, 17; Black-crowned Night Heron, 9; Mute Swan, 2; Canada Goose, 10; Mallard, 67; Black Duck, 404; Pintail, 9; Green-winged Teal, 1; Wood Duck, 2; Canvasback, 7; Greater Scaup, 2052; Common Goldeneye, 287; Bufflehead, 88; Oldsquaw, 139; White-winged Scoter, 352; Surf Scoter, 294; Ruddy Duck, 14; Hooded Merganser, 2; Common Merganser, 381; Red-breasted Merganser, 149; Red-tailed Hawk, 18; Red-shouldered Hawk, 9; Rough-legged Hawk, 3; **Golden Eagle, 1** (carefully identified—Wylie party); Bald Eagle, 4; Marsh Hawk, 16; Sparrow Hawk, 12; Ruffed Grouse, 6; Bobwhite, 36; Ring-necked Pheasant, 13; Clapper Rail, **5**; Virginia Rail, **11**; **Sora, 2** (heard—R.T.P.); Killdeer, 12; Black-bellied Plover, 2; **Ruddy Turnstone, 1 (P.I.)**; Common Snipe, 2; Purple Sandpiper, 3; Dunlin, 9; **Iceland Gull, 2**; Great Black-backed Gull, 206; Herring Gull, 1748; Ring-billed Gull, 1115; Bonaparte's Gull, 37; Mourning Dove, 82; Screech Owl, 3; Great Horned Owl, 5; Barred Owl, 1; Long-eared Owl, 2; Short-eared Owl, 5; Saw-whet Owl, 3; Belted Kingfisher, 15; Yellow-shafted Flicker, 14; **Yellow-bellied Sapsucker, 1** (R.T.P.); Hairy Woodpecker, 30; Downy Woodpecker, 83; Horned Lark, 54; Blue Jay, 383; Common Crow, 431; Black-capped Chickadee, 550; Tufted Titmouse, 11; White-breasted Nuthatch, 67; Red-breasted Nuthatch, 9; Brown Creeper, 21; Winter Wren, 8; Carolina Wren, 28; Long-billed Marsh Wren, **20**; Catbird, 2; Brown Thrasher, 1; Robin, 62; Hermit Thrush, 4; Eastern Bluebird, 61; Golden-crowned Kinglet, 44; Ruby-crowned Kinglet, 5; Cedar Waxwing, 6; Northern Shrike, 1; Loggerhead Shrike, 2; Starling, 3052; Myrtle Warbler, 71; **Palm Warbler, 1**; **Yellow-breasted Chat, 1**; House Sparrow, 911; Eastern Meadowlark, 63; Redwinged Blackbird, 1329; Common Grackle, 18; Brown-headed Cowbird, **1817**; Cardinal, 31; Evening Grosbeak, 133; Common Redpoll, 39; Pine Siskin, 1; Am. Goldfinch, 153; Rufous-sided Towhee, 2; Ipswich Sparrow, 1; Savannah Sparrow, 33; Sharp-tailed Sparrow, **9**; Slate-colored Junco, 318; Tree Sparrow, 780; Field Sparrow, **167**; **White-crowned Sparrow, 2** (carefully identified—Goodwin party); White-throated Sparrow, 170; Fox Sparrow, 9; Swamp Sparrow, 84; Song Sparrow, 248; Lapland Longspur, 1; Snow Bunting, 4. **Total,** 111 species; about 19,294 individuals. (Seen in area count period, but not on count day: Brant.)—Peter Ames, E. Atkins, George Austin, Irston Barnes, Gladys Bates, Kenneth Bates, Grace Bissell, Lawrence Brooks, Pauline Bartman, Walter Charsky, J. Chadwick, Robert Dewire, K. Dench, Ralph Farrel, Muriel Farrel, Mary French, Richard Goodwin, Peter Isleib (co-compiler), Mrs. John Kashanski, Mr. and Mrs. Walter Kennedy, Walter Moran, Richard Noss, Barbara Peterson, Lee Peterson, Roger Peterson (co-compiler), Paul Spitzer, Paul Waldron, William Wylie.

78. **Storrs, Conn.** (all points within a 15-mile diameter circle, center on Storrs Congregational Church; deciduous woodland 25%, coniferous woodland 10%, brushland 20%, fields and pastures 20%, suburban 10%, ponds and swamps 15%).—Dec. 23; 7 a.m. to 5 p.m. Clear; temp. 5° to 22°; wind NW, 15-20 m.p.h.; about 2-in. snow on ground, ponds frozen. Nineteen observers in 12 parties plus 6 feeding stations. Total party-hours, 63 (42 on foot, 21 by car); total party-miles, 168 (40 on foot, 128 by car). ► Black Duck, 3; Red-tailed Hawk, 6; Sparrow Hawk, 3; Ruffed Grouse, 12; Herring Gull, 1; Ring-billed Gull, 1; Mourning Dove, 40; Barred Owl, 1; Belted Kingfisher, 4; Yellow-shafted Flicker, 1; Hairy Woodpecker, 21; Downy Woodpecker, 45; Horned Lark, 58; Blue Jay, 365; Common Crow, 206; Black-capped Chickadee, 508; Tufted Titmouse, 3; White-breasted Nuthatch, 86; Red-breasted Nuthatch, 1; Brown Creeper, 18; Winter Wren, 1; Robin, 14; Eastern Bluebird, 10; Golden-crowned Kinglet, 64; Starling, 869; **Yellow-breasted Chat, 1** (J.M.); House Sparrow, 354; Eastern Meadowlark, 57; Rusty Blackbird, 1; Common Grackle, 1; Evening Grosbeak, 100; Purple Finch, 50; Common Redpoll, **95**; Pine Siskin, 1; Am. Goldfinch, 46; Rufous-sided Towhee, 1; Savannah Sparrow, 9; Slate-colored Junco, 497; Tree Sparrow, 345; Field Sparrow, **58**; White-throated Sparrow, 17; Fox Sparrow, 1; Song Sparrow, **70**; Snow Bunting, 10. **Total,** 44 species; about 4056 individuals. (Seen in area count period, but not on count day: Sharp-shinned Hawk, Cooper's Hawk, Red-shouldered Hawk, Killdeer, Pileated Woodpecker, Carolina Wren, Cedar Waxwing, Redwinged Blackbird.)—Mrs. C. H. Coogan, Mrs. Norman T. Davis (compiler), Mrs. Charles Fahey, G. Lowell Field, Kevin Hess, Mary Hubbard, Mrs. Byron Janes, Marcel Kessel, B. O. Linnevold, Jerauld Manter, Richard M. May, Jr., Franklin McCamey, Charles McLaughlin, Mrs. Walter Meigs, James A. Slater, Alex Slater, Herbert Tag, A. E. Van Dusen, Hans Weber (Natchaug Ornithological Society).

79. **Waterbury, Conn.** (all points within a 15-mile diameter circle, center Riverside Cemetery; inland lakes 10%, pastures 40%, woodland 15%, city suburbs 20%, mixed conifers 15%).—Dec. 27; 7:30 a.m. to 4 p.m. Very dark, some drizzle; temp. 32° to 36°; wind SW, 6-12 m.p.h.; ground with 1-in. snow, ice on brooks and small ponds, center of Lake Quassapaug open. Three observers in 2 parties plus

5 observers at feeding stations. Total party-hours, 15 (14 on foot, 1 by car); total party-miles 53 (16 on foot, 37 by car). ► Black Duck, 90; Pintail, 2; Ruffed Grouse, 2; Bobwhite, 6; Ring-necked Pheasant, 2; Belted Kingfisher, 1; Hairy Woodpecker, 3; Downy Woodpecker, 8; Blue Jay, 32; Common Crow, 47; Black-capped Chickadee, 72; White-breasted Nuthatch, 5; Brown Creeper, 4; Robin, 1; Eastern Bluebird, 2; Golden-crowned Kinglet, 4; Starling, 378; House Sparrow, 12; Cardinal, 6; Evening Grosbeak, 1; Purple Finch, 5; Am. Goldfinch, 4; Slate-colored Junco, 60; Tree Sparrow, 27; White-throated Sparrow, 2; Fox Sparrow, 2; Song Sparrow, 1. **Total,** 27 species; about 879 individuals. (Seen in area count period, but not on count day: Tufted Titmouse.)—LeRoy W. Foote, Valerie Grzybowski, E. T. McGrath, Antanas Saulaitis, E. Beverly Slack (compiler), Erna K. Slack, Charles Winterhalder, Mary E. Yanikuny (Waterbury Naturalists Club).

80. Westport, Conn. (all points within a 15-mile diameter circle, center on Twin Bridges, Route 57, 2 miles north of Westport).—Dec. 26; 7 a.m. to 4:30 p.m. Overcast; temp. 30° to 40°; wind NE, 10-20 m.p.h.; 0-2-in. soft snow, smaller bodies of water frozen. Forty-one observers in 25 parties. Total party-hours, 137 (76 on foot, 53 by car, 8 by bicycle); total party-miles, 682 (80 on foot, 587 by car, 15 by bicycle). ► Common Loon, 2; Red-throated Loon, 3; Horned Grebe, 226; Pied-billed Grebe, 1; Great Blue Heron, 13; Black-crowned Night Heron, 12; Mute Swan, 15; Canada Goose, 3; Mallard, 711; Black Duck, 2399; Pintail, 3; Green-winged Teal, 1; Wood Duck, 4; Ring-necked Duck, 12; Canvasback, 1; Greater Scaup, 1874; Lesser Scaup, 2; Common Goldeneye, 44; Bufflehead, 144; Oldsquaw, 122; White-winged Scoter, 65; Surf Scoter, 275; Common Scoter, 7; Ruddy Duck, 1; Common Merganser, 37; Red-breasted Merganser, 27; Sharp-shinned Hawk, 2; Red-tailed Hawk, 3; Red-shouldered Hawk, 5; Rough-legged Hawk, 2; Peregrine Falcon, 1; **Pigeon Hawk, 1** (P.C.S.); Sparrow Hawk, 15; Ruffed Grouse, 9; Ring-necked Pheasant, 13; Clapper Rail, 1; Killdeer, 27; Black-bellied Plover, 6; Greater Yellowlegs, 1; Dunlin, 50; **Semipalmated Sandpiper, 4** (P.C.S.); Great Black-backed Gull, 101; Herring Gull, 4109; Ring-billed Gull, 77; Bonaparte's Gull, 26; Mourning Dove, 393; Screech Owl, 1; Great Horned Owl, 1; Saw-whet Owl, 1; Belted Kingfisher, 9; Yellow-shafted Flicker, 8; Pileated Woodpecker, 5; Hairy Woodpecker, 81; Downy Woodpecker, 208; Horned Lark, 41; Blue Jay, 551; Common Crow, 535; Fish Crow, 3; Black-capped Chickadee, 1133; Tufted Titmouse, 261; White-breasted Nuthatch, 217; Red-breasted Nuthatch, 5; Brown Creeper, 28; Winter Wren, 7; Carolina Wren, 17; Robin, 54; Eastern Bluebird, 120; Golden-crowned Kinglet, 25; Ruby-crowned Kinglet, 3; Cedar Waxwing, 27; Starling, 2132; Myrtle Warbler, 3; House Sparrow, 1004; Eastern Meadowlark, 34; Red-winged Blackbird, 18; Rusty Blackbird, 1; Common Grackle, 11; Brown-headed Cowbird, 898; Cardinal, 199; Evening Grosbeak, 173; Purple Finch, 113; House Finch, 6; Pine Grosbeak, 2; Common Redpoll, 26; Pine Siskin, 1; Am. Goldfinch, 305; Rufous-sided Towhee, 5; Savannah Sparrow, 20; Sharp-tailed Sparrow, 8; Vesper Sparrow, 2; Slate-colored Junco, 702; Tree Sparrow, 485; Chipping Sparrow, 3; Field Sparrow, 54; White-throated Sparrow, 286; Fox Sparrow, 59; Swamp Sparrow, 11; Song Sparrow, 278; Snow Bunting, 85. **Total,** 99 species; about 21,115 individuals. (Seen in area count period, but not on count day: Catbird.)—Laura Allen, R. Barnett, C. Bartow, L. Bradley (compiler), Alice Bristow, Helen Bristow, Mr. and Mrs. M. Brown, A. Bullard, R. Clement, W. Cook, H. Coombs, E. Eager, Mrs. G. Foster, Mrs. J. Gavin, Mrs. E. S. Glines, A. Harger, Helen Leaycraft, R. Lemmon, F. R. Lyons, C. W. Maschal, Barbara Mills, Mrs. E. Murphy, Mr. and Mrs. W. Murphy, J. Parry, J. Polseno, Mrs. G. Peer, Mrs. Samuelson, M. Schwartz, D. Sonneborn, P. C. Spofford, E. Stein, G. D. Stout, J. Young, S. Young, E. Zarges, H. Zarges, Mr. and Mrs. G. Zepko, G. W. Zepko.

81. Brooklyn, L. I., N. Y. (all points within a 15-mile diameter circle, center and habitat percentages as in previous years).—Dec. 26; 7 a.m. to 5 p.m. Partly cloudy; temp. 32° to 40°; wind SW, 5 m.p.h.; fresh water frozen, salt marshes and tidal inlets open. Twenty-eight observers in 7 parties. Total party-hours, 100 (all on foot); total party-miles, 80 (all on foot). ► Common Loon, 4; Red-throated Loon, 10; Red-necked Grebe, 1; Horned Grebe, **607**; Pied-billed Grebe, 1; Great Cormorant, 2; Great Blue Heron, 5; Black-crowned Night Heron, 53; Am. Bittern, 4; Canada Goose, 7; Brant, 6528; **Snow Goose, 7** (present some time); Mallard, **186**; Black Duck, 2553; Gadwall, 7; Pintail, 26; Green-winged Teal, 7; European Widgeon, 1; Am. Widgeon, 4028; Ring-necked Duck, 1; Canvasback, 1150; Greater Scaup, 7341; Lesser Scaup, 8; Common Goldeneye, 146; Bufflehead, 342; Oldsquaw, 2; **King Eider, 1** (drake); White-winged Scoter, 1010; Surf Scoter, 3; Common Scoter, 2; Ruddy Duck, 10; Hooded Merganser, 6; Common Merganser, 5; Red-breasted Merganser, 104; Cooper's Hawk, 1; Red-tailed Hawk, 2; Rough-legged Hawk, 2; Marsh Hawk, 18; Peregrine Falcon, 1; Sparrow Hawk, 42; Ring-necked Pheasant, 15; Clapper Rail, 2; Am. Coot, 5; Killdeer, 12; Black-bellied Plover, 6; Greater Yellowlegs, 4; Purple Sandpiper, 19; Dunlin, 199; **Semipalmated Sandpiper, 1** (J.Y.); Sanderling, 130; Glaucous Gull, 3; Great Black-backed Gull, 2108; Herring Gull, 17,320; Ring-billed Gull, 933; Laughing Gull, 4; Bonaparte's Gull, **686**; Mourning Dove, 23; Screech Owl, 1; Snowy Owl, 1; Short-eared Owl, 25; Belted Kingfisher, 2; Yellow-shafted Flicker, 2; Hairy Woodpecker, 7; Downy Woodpecker, 18; Horned Lark, 284; Tree Swallow, 9; Blue Jay, 25; **Black-billed Magpie, 1** (present since Dec. 12); Common Crow, 17; Fish Crow, 1; Black-capped Chickadee, 23; White-breasted Nuthatch, 6; Red-breasted Nuthatch, 7; Brown Creeper, 1; Long-billed Marsh Wren, 2; Mockingbird, 2; Catbird, 1; Robin, 33; Hermit Thrush, 1; Golden-crowned Kinglet, 3; Water Pipit, 39; Cedar Waxwing, 7; Loggerhead Shrike, 1; Starling, 37,000; Myrtle Warbler, 110; **Palm Warbler, 3**; **Yellowthroat, 1** (well seen); House Sparrow, 3840; Eastern Meadowlark, 18; Redwinged Blackbird, 109; Rusty Blackbird, 1; Common Grackle, 2; Brown-headed Cowbird, 17; Cardinal, 6; Purple Finch,

2; House Finch, 11; Common Redpoll, 12; Pine Siskin, 20; Am. Goldfinch, 16; Rufous-sided Towhee, 1; Savannah Sparrow, 329; Sharp-tailed Sparrow, 4; Seaside Sparrow, 8; Vesper Sparrow, 1; Slate-colored Junco, 48; Tree Sparrow, 409; **Chipping Sparrow, 1** (carefully identified); Field Sparrow, 3; White-throated Sparrow, 46; Fox Sparrow, 13; Swamp Sparrow, 18; Song Sparrow, 407; Lapland Longspur, 14; Snow Bunting, 116. **Total,** 114 species; about 88,809 individuals. [Blue Goose, 2; Short-billed Marsh Wren, 1; seen within circle but in Queens County Bird Club territory removed from list—Ed.] (Seen in area count period, but not on count day: **Black-headed Gull, Little Gull,** Saw-whet Owl.)—P. Buckley, I. Cantor, M. Cashman, R. Clermont, T. Davis, E. Feldhusen, R. Fisher, M. Goldman, K. Keeley, A. Langford, K. Malone, J. Manus, H. Meyerdierks, Mr. and Mrs. Y. Moskowitz, J. Nielsen, W. Norse, M. Noyes, M. Palmer, J. Phalan, P. Post, O. Raymond, R. Sayers, E. Swayer, N. Smith, A. Weinstein, E. Whelen (compiler), J. Yrizzary.

82. Central Suffolk County, L. I., N. Y. (all points within a 15-mile diameter circle, center southeast of Manorville; same area but somewhat fuller coverage than preceding years; deciduous woods 15%, cultivated fields 10%, overgrown fields 15%, residential areas 15%, swamp and fresh water 20%, bay and salt marsh 20%, outer beach and ocean 5%).—Dec. 26; 6 a.m. to 5 p.m. Overcast, low clouds; temp. 31° to 47°; wind W, 0-7 m.p.h.; ground snow-covered, nearly all fresh water and some salt-water bays frozen. Twenty-five observers in 8 parties. Total party-hours, 81 (54 on foot, 25 by car, 2 by boat); total party-miles, 295 (48 on foot, 245 by car, 2 by boat). ► Common Loon, 8; Horned Grebe, 103; Pied-billed Grebe, 6; Great Blue Heron, 62; **Common Egret, 1** (seen well by 4 observers); Black-crowned Night Heron, 14; Mute Swan, 519; Canada Goose, 67; Brant, 1; Mallard, 597; Black Duck, 6892; Gadwall, 2; Pintail, 61; Green-winged Teal, 8; **Blue-winged Teal, 1**; Am. Widgeon, 387; **Wood Duck, 1**; Redhead, 41; Ring-necked Duck, 23; Canvasback, 229; Greater Scaup, 4770; Lesser Scaup, 17; Common Goldeneye, 58; Bufflehead, 27; White-winged Scoter, 53; Common Scoter, 15; Ruddy Duck, 3; Hooded Merganser, 48; Common Merganser, 184; Red-breasted Merganser, 151; Sharp-shinned Hawk, 1; Red-tailed Hawk, 3; Rough-legged Hawk, 1; Bald Eagle, 1; Marsh Hawk, 9; **Peregrine Falcon, 1**; **Pigeon Hawk, 1**; Sparrow Hawk, 9; Bobwhite, 245; Ring-necked Pheasant, 33; **King Rail, 2**; Clapper Rail, 1; Virginia Rail, 4; **Sora, 1** (carefully identified—A.C.); Am. Coot, 283; **Piping Plover, 2**; Killdeer, 6; Black-bellied Plover, 5; **Ruddy Turnstone, 1**; Common Snipe, 10; Dunlin, 94; Sanderling, 95; Great Black-backed Gull, 76; Herring Gull, 1208; Ring-billed Gull, 37; Bonaparte's Gull, 6; Mourning Dove, 156; Screech Owl, 1; Great Horned Owl, 2; Short-eared Owl, 1; Belted Kingfisher, 7; Yellow-shafted Flicker, 23; Hairy Woodpecker, 14; Downy Woodpecker, 40; Eastern Phoebe, 2; Horned Lark, 115; Blue Jay, 358; Common Crow, 148; Black-capped Chickadee, 194; White-breasted Nuthatch, 42; Red-breasted Nuthatch, 12; Brown Creeper, 7; Winter Wren, 5; Carolina Wren, 7; Long-billed Marsh Wren, 3; Mockingbird, 1; Catbird, 3; Brown Thrasher, 5; Robin, 74; **Wood Thrush, 1** (carefully studied—H.E., P.S.); Hermit Thrush, 6; Golden-crowned Kinglet, 34; **Ruby-crowned Kinglet, 1**; **Water Pipit, 1**; Cedar Waxwing, 1; Starling, 8817; Myrtle Warbler, 1; House Sparrow, 380; Eastern Meadowlark, 220; Redwinged Blackbird, 13; Rusty Blackbird, 7; Common Grackle, 9; Brown-headed Cowbird, 190; Cardinal, 14; Evening Grosbeak, 90; Purple Finch, 8; **Common Redpoll, 3**; Pine Siskin, 24; Am. Goldfinch, 39; Rufous-sided Towhee, 1; Ipswich Sparrow, 4; Savannah Sparrow, 29; Sharp-tailed Sparrow, 1; Vesper Sparrow, 16; Slate-colored Junco, 397; Tree Sparrow, 293; Field Sparrow, 15; **White-crowned Sparrow, 1**; White-throated Sparrow, 169; Fox Sparrow, 28; Swamp Sparrow, 49; Song Sparrow, 154; **Lapland Longspur, 1**; Snow Bunting, 30. **Total,** 114 species; about 28,751 individuals. (Seen in area count period, but not on count day: Red-throated Loon, **Eared Grebe,** Gannet, Am. Bittern, Oldsquaw, Palm Warbler, House Finch.)—Susan Baker, Arthur Cooley, Donald Coon, Carol Donohue, Maureen Donohue, Harold Evans, James Evans, Philip Hubert, Mike Ince, Eva Lukert, William Floyd Nichols, Ruth Porter, Dennis Puleston, Dennis E. Puleston, Jennifer Puleston, Peter Puleston, Gilbert S. Raynor (compiler), Daniel Schaeffer, Robert Schaeffer, Alvin Smith, Paul Stoutenburg, Walter Terry, David L. Weld, F. M. Weld, Leroy Wilcox.

83. Montauk, L. I., N. Y. (all points within a 15-mile diameter circle, center and coverage as in previous counts).—Jan. 2; 5:30 a.m. to 5 p.m. Clear; temp. 25° to 35°; wind W, 0-10 m.p.h.; ground bare, fresh water mostly frozen. Twenty-one observers in 5 parties. Total party-hours, 65 (45 on foot, 12 by car, 8 by boat); total party-miles, 240 (30 on foot, 200 by car, 10 by boat). ► Common Loon, 113; Red-throated Loon, 14; Red-necked Grebe, 1; Horned Grebe, 171; Gannet, 44; Great Cormorant, 15; Double-crested Cormorant, 5; Great Blue Heron, 1; Mute Swan, 2; Canada Goose, 37; Brant, 20; Mallard, 1; Black Duck, 6; Gadwall, 2; Greater Scaup, 265; Common Goldeneye, 260; Bufflehead, 91; Oldsquaw, 244; Common Eider, 2; White-winged Scoter, 1925; Surf Scoter, 252; Common Scoter, 150; Ruddy Duck, 1; Red-breasted Merganser, 86; Red-tailed Hawk, 1; Rough-legged Hawk, 4; Marsh Hawk, 3; Sparrow Hawk, 8; Bobwhite, 4; Ring-necked Pheasant, 15; Clapper Rail, 1; Virginia Rail, 1; Common Snipe, 4; Purple Sandpiper, 15; Iceland Gull, 1; Great Black-backed Gull, 189; Herring Gull, 2000; Ring-billed Gull, 44; Bonaparte's Gull, 375; Black-legged Kittiwake, 6; Razorbill, 2; Dovekie, 7; Mourning Dove, 8; Barn Owl, 1; Screech Owl, 3; Great Horned Owl, 1; Long-eared Owl, 3; Short-eared Owl, 1; Saw-whet Owl, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 62; Hairy Woodpecker, 3; Downy Woodpecker, 17; Horned Lark, 47; Blue Jay, 185; Common Crow, 99; Black-capped Chickadee, 128; White-breasted Nuthatch, 4; Red-breasted Nuthatch, 63; Brown Creeper, 1; Winter Wren, 1; Carolina Wren, 2; Mockingbird, 1; Catbird, 7; Brown Thrasher, 11; Robin, 49; Hermit Thrush, 3; Eastern Bluebird, 9; Golden-crowned

Kinglet, 4; Water Pipit, 16; Cedar Waxwing, 1; Northern Shrike, 1; Loggerhead Shrike, 1; Starling, 885; Myrtle Warbler, 875; **Palm Warbler, 2**; House Sparrow, 125; Eastern Meadowlark, 32; Redwinged Blackbird, 5; Brown-headed Cowbird, 14; Cardinal, 2; Evening Grosbeak, 7; Purple Finch, 2; Common Redpoll, 25; Pine Siskin, 112; Am. Goldfinch, 54; Red Crossbill, 2; White-winged Crossbill, 7; Rufous-sided Towhee, 12; Ipswich Sparrow, 2; Savannah Sparrow, 7; Slate-colored Junco, 36; Tree Sparrow, 75; Field Sparrow, 9; White-throated Sparrow, 154; Fox Sparrow, 19; Swamp Sparrow, 10; Song Sparrow, 190; Lapland Longspur, 5; Snow Bunting, 6. **Total,** 100 species; about 9798 individuals.—S. Baker, N. Boyajian (compiler), M. Cashman, A. Cooley, D. Coon, C. Donohue, M. Donohue, R. Fisher, R. Harrison, M. Ince, K. Malone, C. McKeever, R. McKeever, D. Puleston, P. Puleston, G. Raynor, E. Restivo, N. Smith, J. Wallman, L. Wilcox, T. Zorach.

84. Northern Nassau County, L. I., N. Y. (all points within a 15-mile diameter circle, center Locust Valley).—Dec. 27; 7 a.m. to 5 p.m.; temp. 31° to 45°; wind NW, 2 m.p.h. Thirty-two observers in 11 parties. Total party-hours, 83 (61 on foot, 22 by car); total party-miles, 344 (65 on foot, 279 by car). ► Common Loon, 5; Horned Grebe, 109; Great Cormorant, 19; Great Blue Heron, 17; Mute Swan, 72; Canada Goose, 218; Mallard, 595; Black Duck, 1650; Gadwall, 3; Pintail, 4; Green-winged Teal, 2; Am. Widgeon, 123; Ring-necked Duck, 5; Canvasback, 36; Greater Scaup, 8540; Common Goldeneye, 254; Bufflehead, 1; Oldsquaw, 66; White-winged Scoter, 193; Surf Scoter, 12; Common Scoter, 7; Hooded Merganser, 3; Red-breasted Merganser, 36; Cooper's Hawk, 3; Red-tailed Hawk, 4; Red-shouldered Hawk, 3; Sparrow Hawk, 5; Ring-necked Pheasant, 97; Clapper Rail, 2; Am. Coot, 1; Killdeer, 4; Great Black-backed Gull, 144; Herring Gull, 2300; Ring-billed Gull, 1269; Laughing Gull, 2; Bonaparte's Gull, 1; Mourning Dove, 104; Long-eared Owl, 3; Belted Kingfisher, 11; Yellow-shafted Flicker, 19; Hairy Woodpecker, 8; Downy Woodpecker, 97; Horned Lark, 27; Blue Jay, 208; Black-billed Magpie, 1 (escape, present 18 months); Common Crow, 708; Fish Crow, 12; Black-capped Chickadee, 307; Tufted Titmouse, 1; White-breasted Nuthatch, 98; Red-breasted Nuthatch, 7; Brown Creeper, 5; Winter Wren, 1; Carolina Wren, 6; Long-billed Marsh Wren, 1; Catbird, 5; Brown Thrasher, 1; Robin, 97; Hermit Thrush, 10; **Swainson's Thrush, 1** (studied at 30 ft.—G.M., J.R.); Eastern Bluebird, 1; Golden-crowned Kinglet, 28; Ruby-crowned Kinglet, 1; Starling, 6163; Myrtle Warbler, 28; House Sparrow, 458; Eastern Meadowlark, 43; Rusty Blackbird, 35; Common Grackle, 5; Brown-headed Cowbird, 172; Cardinal, 76; Evening Grosbeak, 11; Purple Finch, 49; House Finch, 59; Common Redpoll, 12; Pine Siskin, 7; Am. Goldfinch, 174; Rufous-sided Towhee, 3; Savannah Sparrow, 8; Slate-colored Junco, 691; Tree Sparrow, 306; Field Sparrow, 29; White-throated Sparrow, 694; Fox Sparrow, 41; Swamp Sparrow, 18; Song Sparrow, 268. **Total,** 86 species; about 26,923 individuals. (Seen in area count period, but not on count day: Mockingbird, Cedar Waxwing, Redwinged Blackbird.)—Will Astle, Aline Dove, Orville Dunning, Elsie Fruson, George Fruson, Lion Gardiner, Paul Gillen, Jr., Richard Houghton, Skee Houghton, Elsie Klein, Jill Lamoureux, William Larrabee (compiler), Mary Louise Matera, Gene Mudge, John Ricks, Richard Sala, Hazel Sullivan, Pete Wickham, Leonard Worley, Elizabeth Worley (Lyman Langdon Audubon Society).

85. Orient, L. I., N. Y. (all points within a 15-mile diameter circle, center as described formerly).—Dec. 27; 7:20 a.m. to 4:50 p.m.; temp. 34° to 38°; wind variable, light. Seven observers in 2 parties. Total party-hours, 19 (11 on foot, 8 by car); total party-miles, 55 (15 on foot, 40 by car). ► Common Loon, 18; Red-throated Loon, 9; Horned Grebe, 95; Great Cormorant, 1; Double-crested Cormorant, 1; Great Blue Heron, 2; Canada Goose, 4; Mallard, 11; Black Duck, 640; Greater Scaup, 1; Common Goldeneye, 430; Bufflehead, 7; Oldsquaw, 200; **Harlequin Duck, 3**; White-winged Scoter, 1000; Surf Scoter, 55; Common Scoter, 7; Red-breasted Merganser, 32; Sparrow Hawk, 6; Bobwhite, 6; Ring-necked Pheasant, 9; Clapper Rail, 1; Black-bellied Plover, 2; Great Black-backed Gull, 28; Herring Gull, 400; Ring-billed Gull, 8; Mourning Dove, 45; Belted Kingfisher, 2; Yellow-shafted Flicker, 5; Downy Woodpecker, 8; Horned Lark, 60; Blue Jay, 13; Common Crow, 5; Black-capped Chickadee, 7; White-breasted Nuthatch, 1; Brown Creeper, 1; Carolina Wren, 3; Robin, 5; Water Pipit, 5; Cedar Waxwing, 7; Starling, 300; Myrtle Warbler, 22; House Sparrow, 120; Eastern Meadowlark, 23; Redwinged Blackbird, 4; Brown-headed Cowbird, 1; Cardinal, 5; Purple Finch, 4; **Common Redpoll, 100**; Pine Siskin, 2; Am. Goldfinch, 65; Rufous-sided Towhee, 2; Ipswich Sparrow, 1; Savannah Sparrow, 3; Slate-colored Junco, 18; Tree Sparrow, 38; Field Sparrow, 2; **White-crowned Sparrow, 2**; White-throated Sparrow, 23; Fox Sparrow, 6; Swamp Sparrow, 15; Song Sparrow, 80; Lapland Longspur, 1; Snow Bunting, 155. **Total,** 64 species; about 4135 individuals. (Seen in area count period, but not on count day: Snowy Owl, Evening Grosbeak.)—W. Abraskiau, Henry H. Collins, Richard E. Harrison, R. S. Mathews (compiler), Mary and Muriel Taylor, John Yrizarry.

86. Quogue to Watermill, L. I., N. Y. (all points within a 15-mile diameter circle, center same as in previous years).—Dec. 30; 7 a.m. to 4:30 p.m. Cloudy; temp. 30° to 35°; wind N, light; 2-in. snow on ground. Two observers in 1 party. Total party-hours, 9½ (1½ on foot, 8 by car); total party-miles, 97 (2 on foot, 95 by car). ► Common Loon, 1; Red-throated Loon, 1; Horned Grebe, 12; Great Blue Heron, 13; Black-crowned Night Heron, 2; Mute Swan, 17; **Whistling Swan, 9**; Canada Goose, 210; Brant, 50; Mallard, 30; Black Duck, 40; Pintail, 2; Green-winged Teal, 1; Am. Widgeon, 300; Redhead, 1; Canvasback, 48; Greater Scaup, 1000; Common Goldeneye, 14; Bufflehead, 4; Oldsquaw, 12; White-winged Scoter, 250; Surf Scoter, 2; Common Scoter, 1; Common Merganser, 1; Red-breasted Merganser, 14; Marsh Hawk, 1; Sparrow Hawk, 7; Ring-necked Pheasant, 45; Clapper Rail, 1; Killdeer, 1; Black-bellied Plover, 2; Common Snipe, 1; Dunlin, 120;

Sanderling, 150; Great Black-backed Gull, 62; Herring Gull, 700; Ring-billed Gull, 72; Bonaparte's Gull, 21; Mourning Dove, 2; Short-eared Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 5; Downy Woodpecker, 4; Blue Jay, 47; Common Crow, 16; Black-capped Chickadee, 8; White-breasted Nuthatch, 7; Carolina Wren, 1; Mockingbird, 2; Robin, 11; Golden-crowned Kinglet, 2; Starling, 400; Myrtle Warbler, 2; House Sparrow, 30; Eastern Meadowlark, 2; Redwinged Blackbird, 1; Common Grackle, 4; Brown-headed Cowbird, 100; Purple Finch, 2; Pine Siskin, 8; Am. Goldfinch, 3; Rufous-sided Towhee, 1; Ipswich Sparrow, 1; Savannah Sparrow, 1; Slate-colored Junco, 18; Tree Sparrow, 34; Field Sparrow, 4; White-throated Sparrow, 8; Fox Sparrow, 3; Song Sparrow, 8. **Total,** 70 species; about 3956 individuals. (Seen in area count period, but not on count day: Snowy Owl, Cardinal, Evening Grosbeak.)—Walter Terry, LeRoy Wilcox (compiler).

87. Smithtown, L. I., N. Y. (all points within a 15-mile diameter circle, center Smithtown, including St. James Harbor, Nissequogue River, Short and Long Beach, Conscience Bay, Old Field Point).—Dec. 27; 4:30 a.m. to 5 p.m. Heavy fog a.m.; temp. 38° to 40°; wind E, 5 m.p.h. Four observers in 2 parties. Total party-hours, 40 (36 on foot, 4 by car); total party-miles, 126 (18 on foot, 108 by car). ► Common Loon, 6; Red-throated Loon, 9; Horned Grebe, 490; Pied-billed Grebe, 4; Great Blue Heron, 3; Black-crowned Night Heron, 7; Mute Swan, 2; Canada Goose, 26; Mallard, 260; Black Duck, 700; Pintail, 2; Am. Widgeon, 40; Wood Duck, 1; Ring-necked Duck, 30; Canvasback, 6; Greater Scaup, 75; Lesser Scaup, 12; Common Goldeneye, 31; Bufflehead, 79; Oldsquaw, 126; White-winged Scoter, 1400; Surf Scoter, 350; Hooded Merganser, 3; Red-breasted Merganser, 20; Sharp-shinned Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 1; Bobwhite, 23; Ring-necked Pheasant, 5; Clapper Rail, 4; Am. Coot, 8; **Am. Woodcock, 1**; **Whimbrel, 1** (carefully studied thru 20 X scope—W.S.); Greater Yellowlegs, 1; Great Black-backed Gull, 93; Herring Gull, 2300; Ring-billed Gull, 1000; Bonaparte's Gull, 66; Mourning Dove, 27; Screech Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 3; Red-headed Woodpecker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 14; Horned Lark, 17; Blue Jay, 19; Common Crow, 90; Black-capped Chickadee, 15; White-breasted Nuthatch, 4; Red-breasted Nuthatch, 2; Brown Creeper, 3; Winter Wren, 3; Carolina Wren, 17; Catbird, 2; Robin, 115; Hermit Thrush, 1; Eastern Bluebird, 1; Golden-crowned Kinglet, 5; Starling, 35; Myrtle Warbler, 11; **Pine Warbler, 3**; House Sparrow, 28; Eastern Meadowlark, 13; Redwinged Blackbird, 5; Rusty Blackbird, 15; Cardinal, 17; Purple Finch, 2; Pine Grosbeak, 1; Common Redpoll, 50; Pine Siskin, 8; Am. Goldfinch, 29; Rufous-sided Towhee, 1; Slate-colored Junco, 40; Tree Sparrow, 210; Field Sparrow, 1; White-throated Sparrow, 110; Fox Sparrow, 1; Swamp Sparrow, 9; Song Sparrow, 45; Snow Bunting, 2. **Total,** 81 species; about 8070 individuals. (Seen in area count period, but not on count day: Brown Thrasher.)—James G. Ralston, Robert Ralston (compiler), Walter Sabin, Allan Walker.

88. Southern Nassau County, L. I., N. Y. (all points within a 15-mile diameter circle, center in Baldwin Bay; Putnam Blvd. at Atlantic Beach east to include Tobay Sanctuary at Jones Beach, north to Stewart Ave., East Meadow and Garden City; area extends 4½ miles into ocean off Jones Inlet; parks and suburban area 40%, beaches and bays 30%, ocean 30%).—Jan. 3; 6:30 a.m. to 5 p.m. Heavy rain, clearing p.m.; temp. 42° to 53°; wind SE to NW, 20-30 m.p.h.; high winds and rain prevented observation until 10 a.m. Thirty-seven observers in 8 parties. Total party-hours, 75 (60 on foot, 15 by car); total party-miles, 250 (100 on foot, 150 by car). ► Common Loon, 1; Red-throated Loon, 2; Horned Grebe, 50; Pied-billed Grebe, 7; Gannet, 3; Great Blue Heron, 51; Black-crowned Night Heron, 54; Am. Bittern, 3; Mute Swan, 18; Canada Goose, 19; Brant, 12,650; Mallard, 419; Black Duck, 4378; Gadwall, 47; Pintail, 24; Green-winged Teal, 55; Am. Widgeon, 539; Shoveler, 4; Ring-necked Duck, 40; Canvasback, 406; Greater Scaup, 362; Lesser Scaup, 3; Common Goldeneye, 22; Bufflehead, 5; Oldsquaw, 17; **King Eider, 2**; White-winged Scoter, 370; Surf Scoter, 5; Ruddy Duck, 20; Hooded Merganser, 115; Common Merganser, 93; Red-breasted Merganser, 106; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 14; Sparrow Hawk, 19; Bobwhite, 10; Ring-necked Pheasant, 6; Clapper Rail, 9; Common Gallinule, 1; Am. Coot, 218; Killdeer, 67; Black-bellied Plover, 10; Common Snipe, 4; Purple Sandpiper, 66; Dunlin, **685**; Sanderling, 191; Iceland Gull, 1; Great Black-backed Gull, 825; Herring Gull, 10,725; Ring-billed Gull, 1084; Bonaparte's Gull, 56; **Dovekie, 1**; Mourning Dove, 177; Snowy Owl, 2; Short-eared Owl, 2; Saw-whet Owl, 1; Belted Kingfisher, 4; Yellow-shafted Flicker, 29; Hairy Woodpecker, 1; Downy Woodpecker, 30; Horned Lark, 195; Blue Jay, 128; Common Crow, 83; Fish Crow, 1; Black-capped Chickadee, 66; White-breasted Nuthatch, 25; Red-breasted Nuthatch, 46; Brown Creeper, 4; Long-billed Marsh Wren, 1; Mockingbird, 4; Catbird, 4; Brown Thrasher, 1; Robin, 36; Hermit Thrush, 3; Ruby-crowned Kinglet, 1; Starling, 14,860; Myrtle Warbler, 427; Yellow-breasted Chat, 1; House Sparrow, 850; Eastern Meadowlark, 108; Redwinged Blackbird, 152; Common Grackle, 2; Brown-headed Cowbird, 1162; Cardinal, 17; Evening Grosbeak, 8; House Finch, 94; Common Redpoll, 30; Pine Siskin, 100; Am. Goldfinch, 47; Rufous-sided Towhee, 3; Ipswich Sparrow, 2; Savannah Sparrow, 40; Sharp-tailed Sparrow, 4; Seaside Sparrow, 2; Vesper Sparrow, 1; Slate-colored Junco, 641; Tree Sparrow, 142; Field Sparrow, 6; White-throated Sparrow, 319; Fox Sparrow, 128; Swamp Sparrow, 7; Song Sparrow, 267; Lapland Longspur, 2; Snow Bunting, 35. **Total,** 106 species; about 54,186 individuals. (Seen in area count period, but not on count day: Common Scoter, Pigeon Hawk, King Rail, Knot, Semipalmated Sandpiper, Glaucous Gull, Long-eared Owl, Eastern Phoebe, Winter Wren, Water Pipit, Purple Finch, Pine Grosbeak.)—Irwin Alperin, Robert Arbib, Jr., L. Below, Dr. and Mrs. Benjamin Berliner, Ned Boyajian, John Bull, Irving Cantor, Henry Collins, Harry Darrow, Adrian Dignan, Eugene Eisenmann, Richard Harrison, Helen Hirschbein, Peter Kirk,

Emanuel Levine, Locke MacKenzie, Fred Mangels, Robert Mathews, Edmund Morgan, Eugene Mudge, William Norse, Hugh Pembleton, Alan Penberthy, Roger Preisick, Walter Sedwitz, Richard and Rosalyn Sloss (compilers), David Sonneborn, Si Stepinoff, Hazel Sullivan, Mrs. Harold Taylor, Edward Treacy, Joshua Wallman, Cornelius Ward, Alvin Wollins, John Yrizarry.

89. Binghamton, N. Y. (all points within a 15-mile diameter circle, center ½ mile south of East Maine as in previous years).—Jan. 1; 12:15 a.m. to 5 p.m. Cloudy to clear; temp. 18° to 38°; wind N, 0-15 m.p.h.; 4-in. snow on ground, ponds mostly frozen, streams open. Twenty-one observers in 6 parties. Total party-hours, 60 (35 on foot, 25 by car); total party-miles, 384 (30 on foot, 354 by car). ► Great Blue Heron, 1; Mallard, 6; Black Duck, 24; Common Merganser, 5; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 2; Sparrow Hawk, 4; Ruffed Grouse, 8; Ring-necked Pheasant, 11; Herring Gull, 38; Screech Owl, 1; Great Horned Owl, 3; Belted Kingfisher, 1; Pileated Woodpecker, 2; Hairy Woodpecker, 24; Downy Woodpecker, 52; Horned Lark, 4; Blue Jay, 120; Common Crow, 100; Black-capped Chickadee, 346; Tufted Titmouse, 16; White-breasted Nuthatch, 75; Red-breasted Nuthatch, 11; Brown Creeper, 16; Winter Wren, 1; Carolina Wren, 1; Golden-crowned Kinglet, 11; Northern Shrike, 1; Starling, 2246; House Sparrow, 691; Eastern Meadowlark, 20; Redwinged Blackbird, 1; Brown-headed Cowbird, 1; Cardinal, 42; Evening Grosbeak, 375; Common Redpoll, 182; Pine Siskin, 21; Am. Goldfinch, 41; Rufous-sided Towhee, 2; Slate-colored Junco, 60; Tree Sparrow, 469; White-crowned Sparrow, 1 [no details—Ed.]; Fox Sparrow, 1; Song Sparrow, 8; Snow Bunting, 3. **Total,** 46 species; about 5050 individuals. (Seen in area count period, but not on count day: Killdeer, Ring-billed Gull, Mourning Dove, Cedar Waxwing.)—Mr. and Mrs. J. Beaver, L. Bemont (compiler), T. Buckley, Mr. and Mrs. V. Hannan, L. Hevey, R. Hock, G. Marsi, Mrs. H. Marsi, V. Misner, Mr. and Mrs. R. Sheffield, A. Topping, J. Vivier, Dr. and Mrs. N. Washburn, Mrs. L. White, R. White, S. White, E. Whitson.

90. Bronx–Westchester Region, N. Y. (all points within a 15-mile diameter circle, center New Rochelle as in previous years).—Dec. 27; 5 a.m. to 6 p.m. Cloudy, fog a.m.; temp. 39° to 42°; wind N, 0-5 m.p.h.; ground mostly covered by snow, fresh water and marshes mostly frozen. Sixty-six observers in 15 parties. Total party-hours, 120 (80 on foot, 40 by car); total party-miles, 200 (120 on foot, 80 by car). ► Common Loon, 2; Horned Grebe, 117; Pied-billed Grebe, 2; Great Cormorant, 5; Great Blue Heron, 20; Black-crowned Night Heron, 43; Mute Swan, 5; Canada Goose, 350; **Brant, 4**; Mallard, 500; Black Duck, 2525; Pintail, 1; Green-winged Teal, 11; Am. Widgeon, 237; **Shoveler, 2**; Wood Duck, 2; **Redhead, 2**; Ring-necked Duck, 2; Canvasback, 2000; Greater Scaup, 7500; Lesser Scaup, **97**; Common Goldeneye, 388; Bufflehead, **300**; Oldsquaw, 27; White-winged Scoter, 10; Ruddy Duck, 160; Hooded Merganser, 23; Common Merganser, 13; Red-breasted Merganser, 93; **Goshawk, 1** (J.P.); Red-tailed Hawk, 9; Red-shouldered Hawk, 7; Rough-legged Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 22; **Ruffed Grouse, 1**; Ring-necked Pheasant, **192**; Clapper Rail, 3; Virginia Rail, **6**; **Sora, 1**; Am. Coot, 6; Killdeer, 50; Common Snipe, 3; Purple Sandpiper, 7; **Sanderling, 5**; Iceland Gull, 1 (Kumlien's); Great Black-backed Gull, **523**; Herring Gull, 16,400; Ring-billed Gull, 200; Laughing Gull, 2; Bonaparte's Gull, 31; Mourning Dove, 100; Barn Owl, 1; Screech Owl, 2; Great Horned Owl, 2; Barred Owl, 2; Long-eared Owl, 5; Saw-whet Owl, 2; Belted Kingfisher, 4; Yellow-shafted Flicker, 4; **Yellow-bellied Sapsucker, 1** (A.T.); Hairy Woodpecker, **61**; Downy Woodpecker, **121**; **Eastern Phoebe, 1**; Horned Lark, **171**; Blue Jay, **610**; Common Crow, 280; Fish Crow, 4; Black-capped Chickadee, 655; Tufted Titmouse, **63**; White-breasted Nuthatch, 132; Red-breasted Nuthatch, 16; Brown Creeper, 10; **House Wren, 1** (carefully identified—D.F.); Winter Wren, 7; Carolina Wren, 1; Catbird, 4; Brown Thrasher, 3; Robin, 76; Hermit Thrush, 3; Golden-crowned Kinglet, 5; Ruby-crowned Kinglet, 1; Cedar Waxwing, 30; Loggerhead Shrike, 2; Starling, 3425; Myrtle Warbler, 6; House Sparrow, 1700; Eastern Meadowlark, 45; Redwinged Blackbird, 53; **Baltimore Oriole, 1**; Rusty Blackbird, 10; Common Grackle, 5; Brown-headed Cowbird, 240; Cardinal, **149**; **Rose-breasted Grosbeak, 1** (well seen at close range); Evening Grosbeak, 10; Purple Finch, **46**; House Finch, 15; **Common Redpoll, 2**; Pine Siskin, 31; Am. Goldfinch, 138; Rufous-sided Towhee, 8; Savannah Sparrow, 52; Vesper Sparrow, 1; Slate-colored Junco, 737; Tree Sparrow, 747; **Chipping Sparrow, 2** (at feeder); Field Sparrow, 130; White-throated Sparrow, 543; Fox Sparrow, 55; Swamp Sparrow, 24; Song Sparrow, **655**; **Lapland Longspur, 2**; Snow Bunting, 1. **Total,** 114 species; about 43,128 individuals. (Seen in area count period, but not on count day: **Mockingbird,** Eastern Bluebird.)—Robert Arbib, Noni Arthur, Else Behrendt, Ned Boyajian, Paul Buckley, John Bull, Harold Busch, John Cannon, Irving Cantor (compiler), Thomas Cummins, Mr. and Mrs. John De Wolf, Eugene Eisenmann, William Ephraim, Stuart Friedman, Douglas Futuyma, Amy Goell, Dorothy Gordon, Frank Gordon, Gerald Greenebaum, Mr. and Mrs. Wallace Harper, Watson Hastings, Fred Heath, Dr. and Mrs. R. Heffron, Eliot Hirshberg, Joseph Horowitz, Charlotte Hult, Gustave Hult, Dorothy Jordan, R. R. Kesner, R. T. Kesner, Robert Lehrman, Jerome Maisel, Elizabeth Manning, Grace Meleney, Herman Meyerdierks, Alfred Milch, Thomas Morgan, William Norse, Joseph Phelan, John Philips, Peter Post, Richard Sloss, David Sonneborn, Paul Steineck, Esther Swayer, Al Thomas, Edward Whelen, Tim Zorach.

91. Buffalo, N. Y. (all points within a 15-mile diameter circle, center on Grand Island as in previous years).—Jan. 1; 8:30 a.m. to 5 p.m. Heavy fog until noon, fair p.m., temp. 15° to 34°; wind N, 0-3 m.p.h.; snow on ground, no ice on Niagara River. Twenty-six observers in 11 parties. Total party-hours, 83 (28 on foot, 55 by car); total party-miles, 475 (31 on foot, 444 by car). ► Common Loon, 3; Horned Grebe, 2; Great Blue Heron, 6; Black-

crowned Night Heron, 1; Canada Goose, 4; Mallard, 311; Black Duck, 1309; Gadwall, 1; Pintail, 33; Am. Widgeon, 26; Redhead, 4; Canvasback, 12,275; Greater Scaup, 8950; Lesser Scaup, 8; Common Goldeneye, 2556; **Barrow's Goldeneye, 1** (drake carefully identified—Axtells); Bufflehead, 22; Oldsquaw, 11; **King Eider, 2** (1-5 present since Nov.); White-winged Scoter, 20; Surf Scoter, 1; Common Scoter, 4; Hooded Merganser, 3; Common Merganser, 5176; Red-breasted Merganser, 254; Cooper's Hawk, 2; Red-tailed Hawk, 6; Rough-legged Hawk, 1; Sparrow Hawk, 25; Ruffed Grouse, 1; Ring-necked Pheasant, 48; Killdeer, 4; Glaucous Gull, 4; Iceland Gull, 1; Great Black-backed Gull, 108; Herring Gull, 18,689; Ring-billed Gull, 2094; Bonaparte's Gull, 6928; Mourning Dove, 18; Screech Owl, 2; Short-eared Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 21; Horned Lark, 22; Blue Jay, 88; Common Crow, 14; Black-capped Chickadee, 134; White-breasted Nuthatch, 22; Red-breasted Nuthatch, 2; Brown Creeper, 7; Robin, 1; Hermit Thrush, 1; Golden-crowned Kinglet, 6; Starling, 24,626; House Sparrow, 1755; Eastern Meadowlark, 2; Common Grackle, 2; Cardinal, 36; Common Redpoll, 27; Pine Siskin, 2; Am. Goldfinch, 2; **Vesper Sparrow, 2**; Slate-colored Junco, 98; Tree Sparrow, 237; **White-crowned Sparrow, 1** (carefully studied—R.B., A.S.); White-throated Sparrow, 2; Swamp Sparrow, 2; Song Sparrow, 12; Snow Bunting, 50. **Total,** 71 species; about 86,094 individuals. (Seen in area count period, but not on count day: **Little Gull,** Tufted Titmouse, Cedar Waxwing, Ruby-crowned Kinglet, Redwinged Blackbird, Purple Finch.)—Robert F. Andrle, Harold H. Axtell, Rachel C. Axtell, Richard Brownstein, Arthur Clark, Helen Creighton, Mary Louise Emerson, Marjorie Emerson, Fred T. Hall, Eleanor P. Jones, Harriette Klabunde, Walter Klabunde, Ethel Melberg, Harold D. Mitchell, Bernard Nathan, Frances Rew, Richard Rosche, Arthur Schaffner, Edward Seeber, Alice S. Ulrich, Edward C. Ulrich, Elsie Webb, Frederick Webb, Margaret and Marie Wendling (compilers), Ellen J. Windsor (Buffalo Ornithological Society).

92. Central Orleans County, N. Y. (all points within a 15-mile diameter circle, center Five Corners in Gaines—same area listed as Orleans County last year—Ed.).—Jan. 2; 7 a.m. to 5 p.m. Partly cloudy; temp. 28° to 37°; wind S, 5-15 m.p.h.; 8-12-in. snow, ponds and streams frozen. Five observers in 3 parties. Total party-hours, 30 (14 on foot, 16 by car); total party-miles, 106 (12 on foot, 94 by car). ► Common Loon, 3; Mallard, 1; Greater Scaup, 200; Lesser Scaup, 3; Common Goldeneye, 30; Bufflehead, 3; Oldsquaw, 3; Common Merganser, 21; Red-tailed Hawk, 2; Rough-legged Hawk, 2; Sparrow Hawk, 3; Ring-necked Pheasant, 3; Great Black-backed Gull, 1; Herring Gull, 100; Ring-billed Gull, 3; Mourning Dove, 4; Red-bellied Woodpecker, 1; Downy Woodpecker, 2; Horned Lark, 30; Blue Jay, 3; Common Crow, 5; Black-capped Chickadee, 10; White-breasted Nuthatch, 1; Brown Creeper, 3; Starling, 23; House Sparrow, 160; Eastern Meadowlark, 20; Cardinal, 2; Common Redpoll, 27; Am. Goldfinch, 7; Slate-colored Junco, 5; Tree Sparrow, 2. **Total,** 32 species; about 702 individuals.—George Lippert (compiler), Donald Lown, Janet Ruck, Wilfred Week, Jr., Leona Wells.

93. Chatham, N. Y. (all points within a 15-mile diameter circle, center same as in previous years).—Jan. 2; 7 a.m. to 5 p.m. Clear to overcast; temp. 2° to 40°; wind S, 0-15 m.p.h.; streams and ponds frozen, 3-5-in. snow cover. Thirteen observers in 4 parties. Total party-hours, 56 (38 on foot, 18 by car); total party-miles, 239 (47 on foot, 192 by car). ► Black Duck, 4; Red-tailed Hawk, 3; Rough-legged Hawk, 2; Sparrow Hawk, 5; Ruffed Grouse, 14; Ring-necked Pheasant, 4; Great Black-backed Gull, 3; Ring-billed Gull, 6; Mourning Dove, 27; Screech Owl, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 42; Downy Woodpecker, 69; Horned Lark, 25; Blue Jay, 100; Common Crow, 487; Black-capped Chickadee, 382+; Tufted Titmouse, 8; White-breasted Nuthatch, 56; Red-breasted Nuthatch, **31**; Brown Creeper, 14; Winter Wren, 1; Robin, 3; Golden-crowned Kinglet, 20; Cedar Waxwing, 1; Northern Shrike, 1; Starling, 750+; House Sparrow, 579+; Eastern Meadowlark, 3; Brown-headed Cowbird, 25; Cardinal, 9; Evening Grosbeak, 107; Common Redpoll, 191; Pine Siskin, 200+; Am. Goldfinch, 34; **Savannah Sparrow, 1**; Slate-colored Junco, 108; Tree Sparrow, 380; White-throated Sparrow, 2; Song Sparrow, 9. **Total,** 40 species; more than 3708 individuals. (Seen in area count period, but not on count day: Common Merganser, Common Goldeneye, Bobwhite, Marsh Hawk, Red-shouldered Hawk, Barred Owl, Great Horned Owl, Belted Kingfisher, Baltimore Oriole, Pine Grosbeak, Purple Finch, Snow Bunting.)—Hortense Barten, Mrs. Jack Cook (compiler), Elizabeth Feldhusen, A. Gokay, Mary Mickle, William Page, Mrs. G. Payne, John Payne, Mrs. D. Radke, Irma Reeve, E. M. Reilly, Jr., Mrs. Fred Smilow, Mrs. C. W. Turner (Alan Devoe Bird Club).

94. Conesus–Hemlock–Honeoye Lakes, N. Y. (all points within a 15-mile diameter circle, center Hemlock Lake outlet; area including Canadice Lake as described on 1956 count).—Jan. 2; 6 a.m. to 5 p.m. Partly cloudy; temp. 20° to 40°; wind S to SW, 5-20 m.p.h.; 1-2-in. snow cover, everything ice-coated from severe ice storm previous week, lakes 90% frozen. Fifteen observers in 5 parties. Total party-hours, 35 (11 on foot, 24 by car); total party-miles, 246 (14 on foot, 232 by car). ► Pied-billed Grebe, 1; Mallard, 50; Black Duck, 250; **Wood Duck, 1**; Redhead, 75; Ring-necked Duck, 6; Canvasback, 125; Greater Scaup, 25; Common Goldeneye, 50; Bufflehead, 1; Oldsquaw, 1; Ruddy Duck, **4**; Hooded Merganser, 2; Common Merganser, 3; Cooper's Hawk, **2**; Red-tailed Hawk, **13**; Sparrow Hawk, **5**; Ruffed Grouse, **17**; Ring-necked Pheasant, **40**; Am. Coot, 2; Herring Gull, 20; Ring-billed Gull, 5; Mourning Dove, **15**; Screech Owl, 1; Pileated Woodpecker, 2; Red-bellied Woodpecker, 2; **Red-headed Woodpecker,** 1; Hairy Woodpecker, 17; Downy Woodpecker, 28; Horned Lark, **25**; Blue Jay, 65; Common Crow, **115**; Black-capped Chickadee, **215**; White-breasted Nuthatch, 28; Red-breasted Nuthatch, **3**; Brown Creeper, 11; **Carolina Wren, 2**; Robin, 1; Golden-crowned Kinglet, **26**; Northern Shrike, 1; Star-

ling, 180; House Sparrow, 540; **Eastern Meadowlark, 9**; **Redwinged Blackbird, 1**; **Common Grackle, 1**; Cardinal, **26**; Evening Grosbeak, 15; **Purple Finch, 7**; **Hoary Redpoll, 2** (carefully identified—W.L.); Common Redpoll, **85**; Am. Goldfinch, **65**; **Rufous-sided Towhee, 1**; Slate-colored Junco, 10; Tree Sparrow, **370**; **Chipping Sparrow, 1** (carefully identified); Song Sparrow, 6; Snow Bunting, **430**. **Total,** 57 species; about 3005 individuals. (Seen in area count period, but not on count day: Lapland Longspur.)—John W. Foster, Jean Haller, Thomas M. Hampson, Eleanor Harris, Reginald T. Hartwell, Walter C. Listman, Robert McKinney, Howard S. Miller, John Mitchell, Steven B. Oresman, Gerald R. Rising (compiler), Alfred Starling, Irene Swanton, Thomas Tetlow, Peter H. Zachman.

95. Cortland, N. Y. (all points within a 15-mile diameter circle, center 6 miles northwest of Cortland). —Jan. 2; 7 a.m. to 5 p.m. Partly cloudy; temp. 19° to 40°; wind S, 10-15 m.p.h.; 1-in. snow on ground, waters open, slightly flooded. Two observers in 2 parties. Total party-hours, 14 (11 on foot, 3 by car); total party-miles, 55 (10 on foot, 45 by car). ► Black Duck, 5; Lesser Scaup, 1; Common Goldeneye, 26; Red-tailed Hawk, 2; Sparrow Hawk, 1; Ruffed Grouse, 1; Herring Gull, 3; Screech Owl, 2; Great Horned Owl, 2; Belted Kingfisher, 2; Hairy Woodpecker, 5; Downy Woodpecker, 14; Blue Jay, 7; Common Crow, 74; Black-capped Chickadee, 85; **Tufted Titmouse, 2**; White-breasted Nuthatch, 18; Brown Creeper, 7; Winter Wren, 1; **Carolina Wren, 1**; Starling, 210; House Sparrow, 220; Cardinal, 8; Evening Grosbeak, 46; Purple Finch, 1; Common Redpoll, 3; Am. Goldfinch, 4; Red Crossbill, 2; Slate-colored Junco, 1; Tree Sparrow, 93; Field Sparrow, 3; Song Sparrow, 2; Snow Bunting, 4. **Total,** 33 species; about 856 individuals.—Harold H. Axtell (compiler), Rachel C. Axtell.

96. Dutchess County, N. Y. (all points within a 15-mile diameter circle, center Pleasant Valley; west to Hudson River, east to Millbrook; open farmland 30%, half-abandoned estates and Vassar College campus 30%, wooded areas along open streams 30%, Hudson River 10%).—Jan. 2; 6 a.m. to 5:30 p.m.; temp. 7° to 30°; wind SW, 0-10 m.p.h. Thirty-seven observers in 12 parties. Total party-hours, 73 (32 on foot, 41 by car); total party-miles, 317 (51 on foot, 266 by car). ► **Snow Goose, 1** (present since Nov. 9); Mallard, 22; Black Duck, 30; Red-tailed Hawk, 14; Marsh Hawk, 1; Sparrow Hawk, 8; Ruffed Grouse, 2; Ring-necked Pheasant, 104; Great Black-backed Gull, 1; Herring Gull, 30; Mourning Dove, 41; Screech Owl, 2; Great Horned Owl, 2; Belted Kingfisher, 4; Pileated Woodpecker, 2; Hairy Woodpecker, 18; Downy Woodpecker, 87; **Eastern Phoebe, 1** (seen well); Horned Lark, 68; Blue Jay, 103; Common Crow, 1372; Black-capped Chickadee, 255; Tufted Titmouse, 33; White-breasted Nuthatch, 71; Red-breasted Nuthatch, 1; Brown Creeper, 5; Winter Wren, 2; Robin, 3; Eastern Bluebird, 9; Golden-crowned Kinglet, 3; Cedar Waxwing, 6; Starling, 3113; House Sparrow, 991; Eastern Meadowlark, 84; Redwinged Blackbird, 40; **Baltimore Oriole, 1** (at feeder 2 weeks); Rusty Blackbird, 5; Common Grackle, 4; Brown-headed Cowbird, 296; Cardinal, 71; Evening Grosbeak, 66; Purple Finch, 29; Common Redpoll, **400**; Pine Siskin, 2; Am. Goldfinch, 149; **Savannah Sparrow, 5** (2 parties); Vesper Sparrow, **10**; Slate-colored Junco, 255; Tree Sparrow, 372; Field Sparrow, 4; White-throated Sparrow, 18; Song Sparrow, **48**. **Total,** 52 species; about 8264 individuals. (Seen in area count period, but not on count day: Common Snipe, Carolina Wren, **Yellow-breasted Chat**.)—Jean Beck, Mr. and Mrs. Ben Bush, Bill and Louise Chrystal, Sallie Draney, Thelma Haight, Margaret King, Florence Germond (compiler), Victor Grover, Helen Manson, Lois and Bob Palmatier, Eleanor Pink, Emilie Skidmore, Mrs. Fred Smith, Norrie Stoutenburg, Bill and Trixie Strauss, Dorothy Terhune, Ruth Thomas, Peg and Ernie Lane, Marion Van Wagner, Ginny and Otis Waterman, Jeanne Wisner (Ralph Waterman Bird Club).

97. Elmira, N. Y. (all points within a 15-mile diameter circle, centered on Mark Twain Golf Course as in past 9 years).—Jan. 2; 7:30 a.m. to 5 p.m. Clear early a.m., then cloudy; temp. 17° to 38°; wind S to SW, 0-10 m.p.h.; ground bare, small streams mostly frozen. Twenty-one observers in 8 parties. Total party-hours, 42 (23 on foot, 19 by car); total party-miles, 237 (27 on foot, 210 by car). ► Mallard, 1; Black Duck, 94; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 6; Rough-legged Hawk, 5; Marsh Hawk, 1; Sparrow Hawk, 14; Ruffed Grouse, 8; Ring-necked Pheasant, 1; **Am. Woodcock, 1** (pointed by dog, flushed); Herring Gull, 28; Ring-billed Gull, 1; Mourning Dove, 12; Belted Kingfisher, 7; Yellow-shafted Flicker, 1; Pileated Woodpecker, 5; Hairy Woodpecker, 19; Downy Woodpecker, 35; Horned Lark, 3; Blue Jay, 70; Common Crow, 94; Black-capped Chickadee, 207; Tufted Titmouse, 9; White-breasted Nuthatch, 42; Brown Creeper, 13; Carolina Wren, 2; **Catbird, 1** (at feeder for week); Robin, 1; Golden-crowned Kinglet, 30; Cedar Waxwing, 6; Starling, 284; House Sparrow, **1196**; Eastern Meadowlark, 12; Redwinged Blackbird, 3; Common Grackle, 1; Brown-headed Cowbird, 2; Cardinal, 49; Evening Grosbeak, 106; Purple Finch, 20; Common Redpoll, 100+; Am. Goldfinch, 24; Slate-colored Junco, 126; Tree Sparrow, 446; Field Sparrow, **23** (2 parties); White-throated Sparrow, 1; **Swamp Sparrow, 1** (carefully studied—M.P.W.); Song Sparrow, 12; Snow Bunting, 2. **Total,** 49 species; about 3128 individuals. (Seen in area count period, but not on count day: Great Horned Owl, **Brown Thrasher, Baltimore Oriole**.)—Al Fudge, Dick Jurkowski, Hazel Mann, Kenneth Mann, Joseph Smith, Mary Smith, Mary Welles (compiler), Matt Welles, Olive York (Chemung Valley Audubon Society).

98. Fort Plain, N. Y. (all points within a 15-mile diameter circle, center Fort Plain; mixed woods 60%, open farmland 20%, river flats 20%).—Dec. 31; 7:30 a.m. to 5 p.m. Partly cloudy; temp. 26°; wind NW, 8-12 m.p.h.; 6-in. snow on ground, streams open, trees encrusted with ice. One observer. Total hours, 9½ (8½ on foot, 1 by car); total miles, 23

(9 on foot, 14 by car). ► Pied-billed Grebe, 1; Red-tailed Hawk, 1; Ruffed Grouse, 2; **Killdeer, 1** (first count record in 42 years); Great Horned Owl, 2; Belted Kingfisher, 1; Downy Woodpecker, 7; Blue Jay, 3; Common Crow, 5; Black-capped Chickadee, 28; Brown Creeper, 1; Golden-crowned Kinglet, 4; Northern Shrike, 1; Starling, 236; House Sparrow, 76; Evening Grosbeak, 31; Common Redpoll, **102**; Am. Goldfinch, 29; Slate-colored Junco, 8; Tree Sparrow, 33; Song Sparrow, 2. **Total,** 21 species; about 574 individuals. (Seen in area count period, but not on count day: Pileated Woodpecker, Hairy Woodpecker, White-breasted Nuthatch.)—Douglas Ayres, Jr.

99. Geneva, N. Y. (all points within a 15-mile diameter circle, center at north city line, including 7 miles of north end of Seneca Lake as in previous years).—Dec. 27; 8 a.m. to 4:30 p.m. Light rain and fog; temp. 36° to 40°; wind SW, 3 m.p.h.; 3-in. snow on ground, Seneca Lake not frozen. Five observers in 4 parties. Total party-hours, 18 (12 on foot, 6 by car); total party-miles, 67 (12 on foot, 55 by car). ► Horned Grebe, 12; Black Duck, 18; Redhead, 15; Canvasback, 1; Greater Scaup, 300; Lesser Scaup, 6; Common Goldeneye, 250; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 3; Rough-legged Hawk, 2; Sparrow Hawk, 8; Ruffed Grouse, 1; Ring-necked Pheasant, 21; Am. Coot, 27; Great Black-backed Gull, 5; Herring Gull, 12; Ring-billed Gull, 2; Mourning Dove, 8; Screech Owl, 1; Great Horned Owl, 2; Yellow-shafted Flicker, 1; Hairy Woodpecker, 8; Downy Woodpecker, 21; Horned Lark, 1; Blue Jay, 19; Common Crow, 221; Black-capped Chickadee, 53; **Tufted Titmouse, 3**; White-breasted Nuthatch, 13; Red-breasted Nuthatch, 1; Brown Creeper, 1; Cedar Waxwing, 9; Starling, 58; House Sparrow, 413; Cardinal, **115**; Evening Grosbeak, 1; Purple Finch, 35; Am. Goldfinch, 2; Slate-colored Junco, 31; Tree Sparrow, 98; Song Sparrow, 7. **Total,** 42 species; about 1807 individuals. (Seen in area count period, but not on count day: Ring-necked Duck, Bufflehead, Carolina Wren.)—Ethel Murden, Thomas Smart, Paris Trail, Jayson Walker, Loren Ward (compiler).

100. Hamburg–East Aurora, N. Y. (all points within a 15-mile diameter circle, center at Casino in Chestnut Ridge Park, including Orchard Park, Emery Park as in past years).—Jan. 3; 8:30 a.m. to 4:30 p.m. Overcast, snow squalls; temp. 20° to 35°; wind 15-18 m.p.h. Forty-three observers in 20 parties. Total party-hours, 99 (26 on foot, 73 by car); total party-miles, 841 (54 on foot, 787 by car). ► Common Goldeneye, 109; Bufflehead, 1; Common Merganser, 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 3; Rough-legged Hawk, 4; Sparrow Hawk, 15; Ruffed Grouse, 7; Ring-necked Pheasant, 157; Herring Gull, 2; Ring-billed Gull, 112; Great Horned Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Pileated Woodpecker, 1; Red-headed Woodpecker, 1; Hairy Woodpecker, 26; Downy Woodpecker, 112; Horned Lark, 19; Blue Jay, 91; Common Crow, 358; Black-capped Chickadee, 653; Tufted Titmouse, 6; White-breasted Nuthatch, 109; Red-breasted Nuthatch, 9; Brown Creeper, 18; Carolina Wren, 2; Robin, 2; Golden-crowned Kinglet, 29; Cedar Waxwing, 17; Starling, 1460; House Sparrow, 3132; Eastern Meadowlark, 33; Common Grackle, 2; Brown-headed Cowbird, 1; Cardinal, 104; Evening Grosbeak, 331; Purple Finch, 1; Common Redpoll, 5; Am. Goldfinch, 4; White-winged Crossbill, 4; Rufous-sided Towhee, 1; Slate-colored Junco, 190; Tree Sparrow, 552; White-crowned Sparrow, 1 [no details—Ed.]; White-throated Sparrow, 3; Fox Sparrow, 1; Song Sparrow, 11; Snow Bunting, 176. **Total,** 50 species; about 7881 individuals.—Mr. and Mrs. C. W. Avery, Dr. and Mrs. Harold Axtell, John E. Bacon, Mrs. Anna Mae Bacon, Elma Bowen, Richard Byron, Mrs. J. A. Creighton, Mrs. Wilma T. Csont, William Dugan, Dirk Dugan, Elizabeth Faul, Jennie S. Graham, Nancie Greenman, J. H. Gregory, Eleanor P. Jones, Mr. and Mrs. Robert L. Knoble, Mrs. Josephine Loersch, John McMohn, Mrs. LeRoy Melberg, Harold D. Mitchell, Bernard H. Nathan, Mrs. Emma S. Nelson, Thelma Pikett, Mrs. Cordelia B. Ramsdell, Howard J. Reuther (compiler), Mrs. Howard J. Reuther, Mrs. Evelyne M. Rochester, Frances M. Rew, Mr. and Mrs. A. H. Rosche, Richard C. Rosche, Art. Schaffner, Mr. and Mrs. Edward Seeber, Lena Turner, Edward C. Ulrich, Gertrude Webster, Marie Wendling, Margaret Wendling, Ellen J. Windsor.

101. Jamestown, N. Y. (all points within a 15-mile diameter circle, center at city limits on Livingston Ave. as last year).—Dec. 27; 6:30 a.m. to 5 p.m. Dense fog; temp. 45° to 52°; wind W, 10-15 m.p.h.; lake frozen, outlet open, no snow. Twenty-seven observers in 10 parties. Total party-hours, 41 (14 on foot, 27 by car); total party-miles, 309 (27 on foot, 282 by car). ► **Canada Goose, 7**; Common Goldeneye, 23; Bufflehead, 3; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Sparrow Hawk, **5**; Ruffed Grouse, 6; Ring-necked Pheasant, 28; Herring Gull, 2; Mourning Dove, 14; Screech Owl, 1; Barred Owl, 1; Belted Kingfisher, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 23; Downy Woodpecker, 45; Horned Lark, 5; Blue Jay, 23; Common Crow, 7; Black-capped Chickadee, 185; Tufted Titmouse, **6**; White-breasted Nuthatch, **60**; Red-breasted Nuthatch, 1; Brown Creeper, 16; **Catbird, 1** (Beal party); Robin, 1; Golden-crowned Kinglet, 17; Ruby-crowned Kinglet, 2; Cedar Waxwing, 1; Starling, 1202; House Sparrow, 391; Redwinged Blackbird, 1; Common Grackle, 3; Cardinal, 20; Evening Grosbeak, 19; Am. Goldfinch, **69**; Slate-colored Junco, 28; Tree Sparrow, 100; White-throated Sparrow, 1; Song Sparrow, 6; Snow Bunting, **580**. **Total,** 41 species; about 2907 individuals.—Daniel Anderson, Ronald Anderson, Clarence Beal, Corl Belknap, Gilbert Burgeson, Lewis Kibler, Mabel Lawson, William Mealy (compiler), Elizabeth Pillsbury, Gilbert Randell.

102. Kingston–Lake Mohonk–Ashokan Reservoir, N. Y. (all points within a 15-mile diameter circle, center same as in previous years).—Jan. 2; 6:30 a.m. to 5 p.m. Clear a.m., partly cloudy p.m.; temp. 8° to 37°; no wind; 2-4-in. snow on ground, ponds frozen, streams part-frozen. Seventeen observers in 7 parties. Total party-hours, 47 (20 on foot, 25 by car, 2 at feeders); total party-miles, 95 (29 on

foot, 66 by car). ► Black Duck, 8; Common Goldeneye, 6; Common Merganser, 12; Sharp-shinned Hawk, 1; Red-tailed Hawk, 9; Red-shouldered Hawk, 1; Rough-legged Hawk, 2; Sparrow Hawk, 5; Ruffed Grouse, 3; Ring-necked Pheasant, 34; Herring Gull, 10; Mourning Dove, 28; Screech Owl, 3; Great Horned Owl, 3; Belted Kingfisher, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 20; Downy Woodpecker, 68; Horned Lark, 15; Blue Jay, 194; Common Crow, 220; Black-capped Chickadee, 287; Tufted Titmouse, 15; White-breasted Nuthatch, 74; Red-breasted Nuthatch, 4; Brown Creeper, 10; Winter Wren, 4; Carolina Wren, 7; Robin, 4; Hermit Thrush, 1; Eastern Bluebird, 2; Golden-crowned Kinglet, 11; Starling, 637; House Sparrow, 892; Eastern Meadowlark, 29; Rusty Blackbird, 2; Brown-headed Cowbird, 1; Cardinal, **110**; Evening Grosbeak, 82; Purple Finch, 5; Common Redpoll, 94; Am. Goldfinch, 167; Rufous-sided Towhee, 1; Slate-colored Junco, 330; Tree Sparrow, 664; White-throated Sparrow, 10; Song Sparrow, 55; Snow Bunting, 61. **Total,** 48 species; about 4203 individuals. (Seen in area count period, but not on count day: Great Blue Heron.)—A. Dunbar, H. Dunbar, I. K. Dunbar, J. Dunn, A. M. Gragin, F. H. Hayes, S. Hayes, F. Hough (compiler), H. Meng, T. Morgan, M. Pyle, R. Pyle, D. Smiley, C. Van de Water, I. Van de Water, K. Young.

103. Manhattan, N. Y. and North Bergen, N. J. (all points within a 15-mile diameter circle, center 70th St. and Hudson River as last year).—Dec. 26; 5:45 a.m. to 6 p.m. Partly cloudy; temp. 32° to 40°; wind variable, 0-3 m.p.h.; fresh and brackish water frozen in spots, 2-6-in. snow-cover. Sixteen observers in 7-8 parties. Total party-hours, 74 (66 on foot, 4 by car, 4 by boat); total party-miles, 240 (90 on foot, 100 by car, 50 by boat). ► Pied-billed Grebe, 2; Mallard, 121; Black Duck, 408; Pintail, 90; Green-winged Teal, 8; Canvasback, 4; Greater Scaup, 79; Lesser Scaup, 7; Common Goldeneye, 1; Bufflehead, 1; Common Merganser, 7; Cooper's Hawk, 1; Red-tailed Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 5; Ring-necked Pheasant, 3; **Virginia Rail, 2** (N.B., R.R.); Am. Coot, 32; Killdeer, 1; **Glaucous Gull, 1** (R.H.); Iceland Gull, 3; Great Black-backed Gull, 299; Herring Gull, 5266; Ring-billed Gull, 523; **Black-headed Gull, 1**; Bonaparte's Gull, 351; Short-eared Owl, 3; Hairy Woodpecker, 3; Downy Woodpecker, 19; Horned Lark, 4; Blue Jay, 46; Common Crow, 17; Black-capped Chickadee, 56; Tufted Titmouse, 4; White-breasted Nuthatch, 13; Winter Wren, 6; Carolina Wren, 2; Long-billed Marsh Wren, 2; Catbird, 1; Robin, 7; Water Pipit, 1; Cedar Waxwing, 12; Starling, 155,000; Myrtle Warbler, 1; House Sparrow, 1285; Redwinged Blackbird, 127; Rusty Blackbird, 2; Common Grackle, 9; Brown-headed Cowbird, 623; Cardinal, 18; Purple Finch, 1; Pine Siskin, 3; Am. Goldfinch, 3; Rufous-sided Towhee, 7; Savannah Sparrow, 1; Slate-colored Junco, 52; Tree Sparrow, 187; Field Sparrow, 3; White-throated Sparrow, 119; Fox Sparrow, 4; Swamp Sparrow, 30; Song Sparrow, 221. **Total,** 62 species; about 165,111 individuals. (Seen in area count period, but not on count day: Canada Goose, Brant, Ring-necked Duck, Ruddy Duck, Red-shouldered Hawk, Screech Owl, Mockingbird.)—Ned Boyajian, William Cooney, Eugene Eisenmann, William Gordon, Richard E. Harrison, Fred Heath, Joseph Horowitz, Mr. and Mrs. Jenkins, Locke Mackenzie, Robert Mathews, Pauline Messing, Henry Ryan, Richard Ryan (compiler), Josh Wallman, Joel Weintraub.

104. Montezuma National Wildlife Refuge, N. Y. (all points within a 15-mile diameter circle, center northeast corner of refuge; north to include Howland's Island Game Management Area, south to Cayuga Lake State Park; fresh-water marsh 40%, lowland deciduous woods 15%, fields and field borders 20%, mixed woods 4%, ponds, canals and lake 20%, suburban 1%).—Jan. 1; 5:15 a.m. to 5:15 p.m. Clear; temp. 19° to 30°; no wind; 1-in. snow on ground, marsh and half of lake frozen. Eight observers in 4 parties. Total party-hours, 27 (17 on foot, 10 by car); total party-miles, 132 (17 on foot, 115 by car). ► Horned Grebe, 1; Great Blue Heron, 4; Canada Goose, 27; Mallard, 1500; Black Duck, 2000; Gadwall, 1; Pintail, 19; Green-winged Teal, 1; **Shoveler, 3** (M.R., F.S.); **Wood Duck, 3**; Redhead, 5; Canvasback, 1; Common Goldeneye, 37; Bufflehead, 3; Hooded Merganser, 6; Common Merganser, 20; Red-breasted Merganser, 5; Cooper's Hawk, 1; Red-tailed Hawk, 12; Rough-legged Hawk, 4; Bald Eagle, 2; Sparrow Hawk, 6; Ring-necked Pheasant, 3; Am. Coot, 7; Great Black-backed Gull, 7; Herring Gull, 260; Ring-billed Gull, 305; Mourning Dove, 16; Screech Owl, 1; Great Horned Owl, 8; Barred Owl, 2; **Long-eared Owl, 1**; Short-eared Owl, 1; Belted Kingfisher, 2; Pileated Woodpecker, 1; **Red-bellied Woodpecker, 5**; Hairy Woodpecker, 4; Downy Woodpecker, 26; Horned Lark, 1; **Tree Swallow, 2** (carefully identified—M.R., F.S.); Blue Jay, 47; Common Crow, 2500; Black-capped Chickadee, 117; White-breasted Nuthatch, 31; Brown Creeper, 4; Winter Wren, 1; **Long-billed Marsh Wren, 1**; Robin, 2; Golden-crowned Kinglet, 5; Cedar Waxwing, 2; Starling, 229; House Sparrow, 257; Redwinged Blackbird, 75; Common Grackle, 8; Brown-headed Cowbird, 35; Cardinal, 43; Evening Grosbeak, 2; Common Redpoll, 47; Am. Goldfinch, 112; **Red Crossbill, 1**; Slate-colored Junco, 4; Tree Sparrow, 300; White-throated Sparrow, 7; Swamp Sparrow, 3; Song Sparrow, **61**; Snow Bunting, 10. **Total,** 66 species; about 8217 individuals. (Seen in area count period, but not on count day: Snowy Owl.)—William Anderson, Gerald Cummings, John S. Morse (compiler), Margaret Rusk, Fritz Scheider, Roberta Seaman, Walter R. Spofford, Jason A. Walker.

105. Monticello, N. Y. (all points within a 15-mile diameter circle, center same as last year).—Jan. 1; 7:30 a.m. to 4:30 p.m. Clear; temp. 12° to 26°; wind NNE, 0-5 m.p.h.; 4-in. snow, streams open, trees ice-coated in most of area. Eleven observers in 2 parties. Total party-hours, 16 (2 on foot, 14 by car); total party-miles, 159 (2 on foot, 157 by car). ► Mallard, 3; Black Duck, 32; Hooded Merganser, 4; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Bald Eagle, 1; **Pigeon Hawk, 1**; Ruffed Grouse, 9; Turkey, 1; Hairy Woodpecker, 8; Downy

Woodpecker, 6; Blue Jay, 75; Common Crow, 13; Black-capped Chickadee, 109; White-breasted Nuthatch, 18; Red-breasted Nuthatch, **5**; Brown Creeper, 1; Winter Wren, 2; Robin, 1; Starling, 193; House Sparrow, 390; Brown-headed Cowbird, 3; Cardinal, 1; Evening Grosbeak, 77; Purple Finch, 5; Pine Grosbeak, 2; Common Redpoll, 77; Pine Siskin, 50; Am. Goldfinch, 11; Slate-colored Junco, 12; Tree Sparrow, 80; Song Sparrow, 2. **Total,** 32 species; about 1194 individuals. (Seen in area count period, but not on count day: Ring-necked Pheasant, Screech Owl, Barred Owl, Tufted Titmouse, Snow Bunting.)—Mr. and Mrs. Charles Atwell, John and Lindsey Boyd, Pauline Chernick, Mrs. Julius Holtzman, Edward McBride, Mr. and Mrs. Kenneth D. Niven (compilers), Ralph Spaulding, Jr., Stephen Willis (Sullivan County Audubon Society).

106. Olean, N. Y. (all points within a 15-mile diameter circle, center at St. Bonaventure University).—Dec. 26; 7:30 a.m. to 4:30 p.m. Slight drizzle and fog; temp. 32° to 40°; no wind; Allegheny River and tributaries open, 0-6-in. snow. Nine observers in 4 parties. Total party-hours, 24 (12 on foot, 12 by car); total party-miles, 152 (12 on foot, 140 by car). ► Sparrow Hawk, 3; Ruffed Grouse, 5; Turkey, 1; Great Horned Owl, 2; Belted Kingfisher, 3; Pileated Woodpecker, 1; Hairy Woodpecker, 6; Downy Woodpecker, 27; Blue Jay, 25; Common Crow, 7; Black-capped Chickadee, 160; White-breasted Nuthatch, 37; Brown Creeper, 4; Winter Wren, 1; Golden-crowned Kinglet, 12; Starling, 281; House Sparrow, 682; Redwinged Blackbird, 1; Brown-headed Cowbird, 100; Cardinal, 8; Evening Grosbeak, 82; Am. Goldfinch, 20; Slate-colored Junco, 7; Tree Sparrow, 42; Song Sparrow, 17. **Total,** 25 species; about 1534 individuals. (Seen in area count period, but not on count day: Barred Owl, Wood Duck.)—Richard C. Bothner, Stephen W. Eaton (compiler), Wilbert Johnson, Frederick G. Meyer, Larry Meyer, David Krieg, Eric Saylor, Marlin Smith, Robert Werrlein.

107. Oneonta, N. Y. (all points within a 15-mile diameter circle, center Oneonta).—Dec. 28; 7:30 a.m. to 4:30 p.m. Overcast, rain; temp. 32° to 36°; no wind. Five observers in 1 party. Total party-hours, 9 (5 on foot, 4 by car); total party-miles, 79 (10 on foot, 69 by car). ► Mallard, 5; Black Duck, 15; Common Merganser, 13; Ruffed Grouse, 3; Herring Gull, 1; Hairy Woodpecker, 1; Downy Woodpecker, 2; Blue Jay, 23; Common Crow, 9; Black-capped Chickadee, 67; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 8; Brown Creeper, 3; Cedar Waxwing, 1; Starling, 40; House Sparrow, 84; Cardinal, 1; Evening Grosbeak, 36; Slate-colored Junco, 12; Tree Sparrow, 23; **Song Sparrow, 1. Total,** 21 species; about 350 individuals.—Christopher Rounds, Stephen Rounds, Kenneth Sherman, James Utter (compiler), Richard Whittaker.

108. Oswego–Fulton, N. Y. (all points within a 15-mile diameter circle, center at Minetto; south and east to Fulton, north to Oswego, east to Scriba; river and harbor 60%, field 5%, woods 15%, dumps 5%, brush 15%).—Jan. 3; 8 a.m. to 5 p.m. Cold rain a.m., snow squalls, clearing late p.m.; temp. 38° to 20°; wind W, 15-30 m.p.h.; river, harbor, lake open; streams, swamps, shallow portions of harbor frozen; 3-in. ground snow. Four observers in 1-3 parties. Total party-hours, 17 (4 on foot, 4 by car, 9 at feeding station); total party-miles, 41 (5 on foot, 36 by car). ► Mallard, 18; Black Duck, 122; Canvasback, 3; Greater Scaup, 1200; Lesser Scaup, 30; Common Goldeneye, 70; Bufflehead, 3; Oldsquaw, 2; **Surf Scoter, 1**; Hooded Merganser, 2; Common Merganser, 1500; Red-breasted Merganser, 600; Red-tailed Hawk, 1; Ruffed Grouse, 1; Ring-necked Pheasant, 4; Glaucous Gull, **4**; Iceland Gull, **5** (3 Kumlien's); Great Black-backed Gull, 85; Herring Gull, 2000; Ring-billed Gull, 40; **Franklin's Gull, 1** (carefully identified, all field marks by experienced observers); Hairy Woodpecker, 1; Downy Woodpecker, 6; Blue Jay, 5; Common Crow, 10; Black-capped Chickadee, 79; White-breasted Nuthatch, 23; Red-breasted Nuthatch, 2; Brown Creeper, 3; Golden-crowned Kinglet, 9; Starling, 124; House Sparrow, 363; Brown-headed Cowbird, 2 (at feeders); Cardinal, 8; Evening Grosbeak, 14; Slate-colored Junco, 25; Tree Sparrow, 62; Song Sparrow, 2; Snow Bunting, 6. **Total,** 39 species (1 additional race); about 6436 individuals.—Mrs. R. L. Allison, Jr., Frank C. Richardson, Margaret Rusk (compiler), Fritz Scheider.

109. Peekskill, N. Y. (all points within a 15-mile diameter circle, center at Croton Avenue and Furnace Dock Road as in previous years).—Dec. 27; 6 a.m. to 4:30 p.m. Cloudy; temp. 33° to 40°; wind SE, 15 m.p.h.; small lakes and ponds frozen. Eighteen observers in 7 parties. Total party-hours, 62 (39 on foot, 23 by car); total party-miles, 294 (77 on foot, 217 by car). ► Pied-billed Grebe, 1; Mute Swan, 1; **Brant, 50**; Mallard, 76; Black Duck, 70; Ring-necked Duck, 2; Canvasback, 1; Lesser Scaup, 1; Common Goldeneye, 19; Bufflehead, 5; Hooded Merganser, 25; Common Merganser, 58; **Goshawk, 1**; Cooper's Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 2; Sparrow Hawk, 6; Ruffed Grouse, 3; Bobwhite, 1; Ring-necked Pheasant, 20; Killdeer, 1; Great Black-backed Gull, **51**; Herring Gull, 3281; Ring-billed Gull, 1; Mourning Dove, 81; Barn Owl, 1; Screech Owl, 2; Great Horned Owl, 1; Barred Owl, 2; Belted Kingfisher, 5; Yellow-shafted Flicker, 1; Pileated Woodpecker, 1; **Yellow-bellied Sapsucker, 2**; Hairy Woodpecker, 26; Downy Woodpecker, 141; Blue Jay, 243; Common Crow, 270; Fish Crow, 1; Black-capped Chickadee, 590; Tufted Titmouse, 9; White-breasted Nuthatch, 125; Red-breasted Nuthatch, 10; Brown Creeper, 24; Winter Wren, 7; Carolina Wren, 3; Catbird, 2; Robin, 9; Hermit Thrush, 1; Eastern Bluebird, 8; Golden-crowned Kinglet, 15; Ruby-crowned Kinglet, 4; Cedar Waxwing, 52; Starling, 2840; House Sparrow, 669; Eastern Meadowlark, 50; Redwinged Blackbird, 36; **Baltimore Oriole, 3**; Rusty Blackbird, 1; Common Grackle, 3; Brown-headed Cowbird, 68; Cardinal, 140; Evening Grosbeak, 28; Purple Finch, 15; Am. Goldfinch, 82; Rufous-sided Towhee, 2; Savannah Sparrow, 2; Slate-colored Junco, 613; Tree Sparrow, 856; Field Sparrow, 8; White-throated Sparrow, 104; Fox Sparrow, 5; Swamp Sparrow, 31; Song Sparrow, 170. **Total,**

73 species; about 11,041 individuals. (Seen in area count period, but not on count day: Bald Eagle, Iceland Gull, White-winged Crossbill.)—Martin Brech, Linda Bleecker, John Given (compiler), Mike Gochfeld, Bob Gochfeld, Bruce Kornbluth, Mable Little, Wally Little, Gil Miller, Linda Miller, Ralph Odell, Leslie Pearl, Margaret Pearl, Judy Slechta, Maurice Sellers, Donald Slobohn, Betsy Wolf, Paul Wolf (Naturalists' Workshop).

110. Putnam County, N. Y. (all points within a 15-mile diameter circle, center at Tompkins Corners).—Dec. 26; 6 a.m. to 5 p.m. Cloudy; temp. 30° to 40°; wind SW, 0-5 m.p.h.; water open except small ponds and coves, 2-in. snow cover. Nine observers in 4 parties. Total party-hours, 40 (30 on foot, 10 by car); total party-miles, 250 (60 on foot, 190 by car). ► Horned Grebe, 2; Pied-billed Grebe, 2; Mallard, 55; Black Duck, 186; **Wood Duck, 1** (seen several times); Ring-necked Duck, 1; Canvasback, 1; Common Goldeneye, 31; Bufflehead, 6; Ruddy Duck, 2; Hooded Merganser, 51; Common Merganser, 98; Sharp-shinned Hawk, 1; Red-tailed Hawk, 6; Bald Eagle, 1; **Pigeon Hawk, 1** (carefully identified); Sparrow Hawk, 1; Ruffed Grouse, 29; Ring-necked Pheasant, 1; **Turkey, 1** (42 released in May); **Common Snipe, 2**; Herring Gull, 156; Laughing Gull, 2; Mourning Dove, 6; Great Horned Owl, 5; Barred Owl, 1; Belted Kingfisher, 8; Yellow-shafted Flicker, 2; Pileated Woodpecker, 13; **Yellow-bellied Sapsucker, 1**; Hairy Woodpecker, 34; Downy Woodpecker, 103; **Eastern Phoebe, 1** (W.R.); Blue Jay, 112; Common Crow, 164; Black-capped Chickadee, 273; Tufted Titmouse, 22; White-breasted Nuthatch, 94; Brown Creeper, **47**; Winter Wren, **42**; Carolina Wren, 2; Robin, 7; Eastern Bluebird, 3; Golden-crowned Kinglet, 103; Ruby-crowned Kinglet, 1; Cedar Waxwing, 2; Starling, 689; Myrtle Warbler, 1; **Yellow-breasted Chat, 1**; House Sparrow, 333; Redwinged Blackbird, 14; Rusty Blackbird, 5; Brown-headed Cowbird, 12; Cardinal, 57; Evening Grosbeak, 36; Purple Finch, 3; Common Redpoll, 27; Am. Goldfinch, 43; Rufous-sided Towhee, 2; Slate-colored Junco, 318; Tree Sparrow, 662; Field Sparrow, 6; White-throated Sparrow, 42; Fox Sparrow, 1; Swamp Sparrow, 10; Song Sparrow, 58. **Total,** 66 species; about 4003 individuals. (Seen in area count period, but not on count day: **Northern Three-toed Woodpecker.**)—Martin Brech (compiler), Michael Gochfeld, Robert Gochfeld, David Junkin, Bruce Kornbluth, Mr. and Mrs. George W. Little, Ralph Odell, William Spruce Russell (Naturalists' Workshop).

111. Rochester, N. Y. (all points within a 15-mile diameter circle, center Dewey Ave. and Stone Rd. as in previous years).—Dec. 27; 5 a.m. to 6 p.m. Foggy, rain and drizzle; temp. 33° to 38°; wind variable, 5-10 m.p.h.; 1-in. snow cover, ponds frozen, Lake Ontario open. Forty-four observers in 11 parties. Total party-hours, 74 (46 on foot, 28 by car); total party-miles, 398 (53 on foot, 345 by car). ► Common Loon, 3; Red-throated Loon, 2; Horned Grebe, 8; Mallard, 16; Black Duck, 46; Pintail, 1; Green-winged Teal, 1; Shoveler, 1; Redhead, 1; Greater Scaup, 177; Common Goldeneye, 159; Bufflehead, 8; Oldsquaw, 19; **King Eider, 1** (carefully identified—A.K.); White-winged Scoter, 10; Hooded Merganser, 1; Common Merganser, 248; Red-breasted Merganser, 57; Cooper's Hawk, 2; Red-tailed Hawk, 11; Rough-legged Hawk, 9; Marsh Hawk, 1; Sparrow Hawk, 10; Ring-necked Pheasant, 110; Virginia Rail, 1; Am. Coot, 1; **Common Snipe, 1**; **Dunlin, 1** (R.F., R.O.); Iceland Gull, 2 (1 Kumlien's); Great Black-backed Gull, 37; Herring Gull, 772; Ring-billed Gull, 1660; Bonaparte's Gull, 11; Mourning Dove, **29**; Screech Owl, 12; Great Horned Owl, 9; Long-eared Owl, 1; Belted Kingfisher, 2; Hairy Woodpecker, 20; Downy Woodpecker, 55; Blue Jay, 49; Common Crow, 8050; Black-capped Chickadee, 239; Tufted Titmouse, **9**; White-breasted Nuthatch, 51; Red-breasted Nuthatch, 13; Brown Creeper, 9; Winter Wren, 3; Carolina Wren, 3; Mockingbird, 2; Robin, 21; Golden-crowned Kinglet, 13; **Bohemian Waxwing, 1**; Cedar Waxwing, 74; Northern Shrike, 2; Starling, 4635; House Sparrow, 540; Redwinged Blackbird, 2; Rusty Blackbird, 3; Common Grackle, 1; Brown-headed Cowbird, 25; Cardinal, **95**; Evening Grosbeak, 26; Purple Finch, 6; Common Redpoll, 160; Pine Siskin, 2; Am. Goldfinch, 18; Rufous-sided Towhee, 1; Slate-colored Junco, **220**; **Oregon Junco, 1**; Tree Sparrow, **1212**; Field Sparrow, 2; **White-crowned Sparrow, 1** (carefully identified); White-throated Sparrow, 15; Fox Sparrow, 1; Swamp Sparrow, 7; Song Sparrow, 75; Snow Bunting, 70. **Total,** 78 species (1 additional race); about 19,173 individuals. (Seen in area count period, but not on count day: Short-eared Owl, Pileated Woodpecker, Hermit Thrush, **Lincoln's Sparrow** regular at feeder!)—Donald Bieber, Elizabeth Bottcher, Dort, Dort III and C. J. Cameron, Walter Corcoran, Ralph and Helen Dakin, Gertrude Davis, Robert Dolan, Robert Folker, Margaret Foley, Helen Foster, John Foster, Reginald Hartwell, Allen and Beatrice Kemnitzer, Allan, Sandy, John and Thomas Klonick, Gerhard Leubner (compiler), John Leubner, Walter Listman, Warren Lloyd, Robert McKinney, Joseph and Thelma McNett, Howard Miller, John Mitchell, Neil and Laura Moon, Richard O'Hara, Stephen Oresman, Bernard Olin, Nancy Peters, Philip Petsos, Gerald Rising, Dwight Smith, Alfred Starling, Mary Ann Sunderlin, Joseph Taylor, Steven Taylor, Thomas Tetlow, Peter Zachmann, Louise Zeitler (Genesee Ornithological Society and Burroughs-Audubon Nature Club).

112. Saranac Lake, N. Y. (all points within a 15-mile diameter circle, center N. Y. State Conservation Bldg. at Ray Brook; meandering river valley, upland farmland, coniferous and deciduous forests, village streets).—Jan. 1; 7:45 a.m. to 4 p.m. Clear; temp. −11° to 24°; wind WSW, 6 m.p.h.; 14-15-in. snow on level, only fast river-water open, trees ice-coated. Seven observers in 5 parties. Total party-hours, 22 (5 on foot, 11 by car, 4 at feeder, 2 by jeep); total party-miles, 97 (6 on foot, 81 by car, 10 by jeep). ► Black Duck, 2; **Belted Kingfisher, 1** (present all Dec.); Hairy Woodpecker, 2; Blue Jay, 33; Common Crow, 2; Black-capped Chickadee, 53; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 2; House Sparrow, 47; Redwinged Blackbird, 1; **Brown-headed Cowbird, 4**; Evening Grosbeak, 44;

Pine Grosbeak, 3; Common Redpoll, 24; Slate-colored Junco, 4; Tree Sparrow, 4; Snow Bunting, 8. **Total,** 37 species; about 235 individuals. (Seen in area count period, but not on count day: Brown Creeper, Purple Finch, Am. Goldfinch.)—Elizabeth Anderson, Herbert V. W. Bergamini, Virginia W. Bergamini, Harriet L. Delafield (compiler), Ethel Dyer, Joseph Hart, Ruby Stevens.

113. Schenectady, N. Y. (all points within a 15-mile diameter circle, center 0.8 mile S of 42° 45′ and 0.3 mile W of 73° 45′ as in preceding years).—Dec. 26; 7:30 a.m. to 4:30 p.m. Very cloudy; temp. 32° to 40°; wind W, 0-2 m.p.h.; slight old snow, average amount of open water. Twelve observers in 5 parties, plus feeding stations. Total party-hours, 34 (19 on foot, 15 by car); total party-miles, 168 (31 on foot, 137 by car). ► Mallard, 1; Black Duck, 11; Common Goldeneye, 3; Red-tailed Hawk, 3; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 4; Sparrow Hawk, 1; Ruffed Grouse, 1; Ring-necked Pheasant, 12; Herring Gull, 5; Mourning Dove, 83; Great Horned Owl, 1; Hairy Woodpecker, 17; Downy Woodpecker, 43; Horned Lark, 1; Blue Jay, 83; Common Crow, 1577; Black-capped Chickadee, 195; Tufted Titmouse, **4**; White-breasted Nuthatch, 48; Red-breasted Nuthatch, 4; Brown Creeper, 12; Carolina Wren, **8**; Golden-crowned Kinglet, 12; Northern Shrike, 1; Starling, 1980; **Yellow-throat, 2** (1 each 2 widely separated parties); House Sparrow, 350; Eastern Meadowlark, 1; Redwinged Blackbird, 6; **Baltimore Oriole, 1** (at feeder since mid-Nov.); Rusty Blackbird, 5; Common Grackle, 2; Brown-headed Cowbird, 3; Cardinal, **10**; Evening Grosbeak, 100; Purple Finch, 55; Common Redpoll, **586**; Pine Siskin, 10; Am. Goldfinch, 57; Slate-colored Junco, 49; Tree Sparrow, 632; White-throated Sparrow, 1; Swamp Sparrow, 2; Song Sparrow, 9; Snow Bunting, 2. **Total,** 47 species; about 5995 individuals. (Seen in area count period, but not on count day: Screech Owl, Fox Sparrow.)—Brother E. Austin, Guy Bartlett (compiler), Mrs. C. G. Grace, Esly Hallenbeck, Mr. and Mrs. Byron T. Hipple, Jr., Walter E. Kaskan, Samuel R. Madison, Mr. and Mrs. Howard Malone, Stephanie Podrazik, Rudolph A. Stone (Schenectady Bird Club, Inc.).

114. Staten Island, N. Y. (all points within a 15-mile diameter circle, including all Staten Island; seashore 30%, salt-marsh 10%, woodlands 15%, fields 20%, garbage dump 15%, yards and gardens 10%).—Dec. 26; 7:30 a.m. to 4:30 p.m. Overcast, fog at beaches; temp. 32° to 41°; wind S, 5-10 m.p.h. Sixteen observers in 6 parties. Total party-hours, 52 (44 on foot, 8 by car); total party-miles, 172 (57 on foot, 115 by car). ► Common Loon, 1; Horned Grebe, 75; Double-crested Cormorant, 1; Canada Goose, 1; Brant, 3; Mallard, 13; Black Duck, 378; Pintail, 1; Am. Widgeon, 1; Canvasback, 1; Greater Scaup, 890; Common Goldeneye, 74; Bufflehead, 157; Oldsquaw, 119; White-winged Scoter, 16; Surf Scoter, 1; Ruddy Duck, 1; Common Merganser, 10; Red-breasted Merganser, 2; Red-tailed Hawk, 2; Red-shouldered Hawk, 2; Rough-legged Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 10; Ring-necked Pheasant, 53; Killdeer, 2; Purple Sandpiper, 30; Sanderling, 2; Glaucous Gull, 1; Iceland Gull, 1; Great Black-backed Gull, 420; Herring Gull, 22,960; Ring-billed Gull, 5; Bonaparte's Gull, 256; Mourning Dove, 16; Long-eared Owl, 2; Short-eared Owl, 2; Yellow-shafted Flicker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 20; Horned Lark, 108; Blue Jay, 72; Common Crow, 113; Fish Crow, 60; Black-capped Chickadee, 24; Tufted Titmouse, 7; White-breasted Nuthatch, 14; Red-breasted Nuthatch, 1; Carolina Wren, 1; Robin, 13; Hermit Thrush, 2; Cedar Waxwing, 8; Starling, 9600; Myrtle Warbler, 1; House Sparrow, 106; Eastern Meadowlark, 1; Redwinged Blackbird, 346; Rusty Blackbird, 23; Common Grackle, 2; Brown-headed Cowbird, 86; Cardinal, 13; Evening Grosbeak, 4; Am. Goldfinch, 7; Rufous-sided Towhee, 1; Savannah Sparrow, 24; Slate-colored Junco, 72; Tree Sparrow, 125; Field Sparrow, 9; White-throated Sparrow, 49; Fox Sparrow, 5; Swamp Sparrow, 5; Song Sparrow, 73; Snow Bunting, 1. **Total,** 73 species; about 36,512 individuals.—Irving Black, Barbara Cook, Douglas Heilbrunn, Charles Hetzel, Charles Lincoln, Gordon Loery, Robert Mathewson, Bertram Murray, Jr., Nick Niosi, Noel Pettingell, Casimir Redjives, Hans Schleich, Clara Taylor, Mathilde P. Weingartner (compiler), Peter Westcott, Floyd Wolfarth.

115. Syracuse, N. Y. (all points within a 15-mile diameter circle, center Collamer as in previous years).—Dec. 27; 4 a.m. to 7 p.m. Fog; temp. 32° to 33°; wind ENE, 4-10 m.p.h.; no snow on ground, open water on most lakes, rivers. Twenty-seven observers in 13 parties. Total party-hours, 90 (44 on foot, 46 by car); total party-miles, 635 (53 on foot, 582 by car). ► Common Loon, 1; Canada Goose, 1; Mallard, 63; Black Duck, 130; Wood Duck, 2 (on swan pond each year); Canvasback, 2; Greater Scaup, 7; Common Goldeneye, 39; **Common Scoter, 1** (2 experienced observers); Hooded Merganser, 2; Common Merganser, 3; Red-breasted Merganser, 3; Cooper's Hawk, 4; Red-tailed Hawk, 15; Rough-legged Hawk, 19; Marsh Hawk, 1; Sparrow Hawk, 8; Ruffed Grouse, 4; Ring-necked Pheasant, 135; Great Black-backed Gull, 3; Herring Gull, 118; Ring-billed Gull, 16; Mourning Dove, 49; Screech Owl, 10; Great Horned Owl, 4; Long-eared Owl, 1; Short-eared Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 5; Pileated Woodpecker, 3; Red-bellied Woodpecker, 1; Hairy Woodpecker, 44; Downy Woodpecker, 119; Horned Lark, 2; Blue Jay, 88; Common Crow, 410; Black-capped Chickadee, 407; Tufted Titmouse, 1; White-breasted Nuthatch, 98; Red-breasted Nuthatch, 3; Brown Creeper, 19; Winter Wren, 1; Robin, 2; **Hermit Thrush, 1**; Golden-crowned Kinglet, 10; Cedar Waxwing, 64; Northern Shrike, 3; Starling, 2842; House Sparrow, 1770; Eastern Meadowlark, 1; Redwinged Blackbird, 6; Rusty Blackbird, 1; Common Grackle, 3; Brown-headed Cowbird, 19; Cardinal, 62; Evening Grosbeak, 92; Common Redpoll, 217; Pine Siskin, 50; Am. Goldfinch, 16; Red Crossbill, 1; **Rufous-sided Towhee, 1** (at feeder all week); Slate-colored Junco, 36; Tree Sparrow, 575; Field Sparrow, 2; White-throated Sparrow, 3; Swamp Sparrow, 6; Song Sparrow, **89**; Snow Bunting, 36. **Total,**

68 species; about 7753 individuals. (Seen in area count period, but not on count day: Dickcissel.)—J. Ashley, Mrs. K. Barclay, Mrs. H. Bradt, B. Burtt (compiler), H. Burtt, T. Cade, S. Ernst, Mrs. W. Estoff, Mr. and Mrs. O. Evans, L. Flanders, Mrs. R. Gould, Mrs. T. Harmon, R. Hotchkiss, G. Mikels, W. Minor, P. Paquette, E. Patterson, Mrs. R. Propst, T. Richardson, M. Rusk, R. Seaman, F. Scheider, W. Spofford, D. Whitman, P. Williams (Onondaga Audubon Society).

116. Troy, N. Y. (all points within a 15-mile diameter circle, center 0.1 mile S of 73° 40′ and 0.3 mile E of 42° 50′ as in preceding years).—Jan. 2; 8 a.m. to 4 p.m. Mostly overcast; temp. 8° to 34°; wind SW, 5 m.p.h.; 4-in. snow, only fast waters open. Eighteen observers in 5 parties. Total party-hours, 33 (15 on foot, 18 by car); total party-miles, 248 (12 on foot, 236 by car). ► Mallard, 61; Black Duck, 1134; Canvasback, 1; Common Goldeneye, 13; Common Merganser, 9; Red-breasted Merganser, 8; Cooper's Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Sparrow Hawk, 4; Ring-necked Pheasant, 2; Iceland Gull, 1; Great Black-backed Gull, 2; Herring Gull, 34; Ring-billed Gull, 1; Mourning Dove, 37; Pileated Woodpecker, 1; Hairy Woodpecker, 12; Downy Woodpecker, 33; Horned Lark, 38; Blue Jay, 53; Common Crow, 347; Black-capped Chickadee, 140; White-breasted Nuthatch, 18; Red-breasted Nuthatch, 1; Brown Creeper, 1; Winter Wren, 1; Robin, 2; Starling, 425; House Sparrow, 439; Common Grackle, 2; Brown-headed Cowbird, 48; Cardinal, 2; Evening Grosbeak, 11; Common Redpoll, 323; Pine Siskin, 2; Am. Goldfinch, 35; Slate-colored Junco, 34; Tree Sparrow, 396; Swamp Sparrow, 2; Song Sparrow, 18; Snow Bunting, 16. **Total,** 43 species; about 3712 individuals. (Seen in area count period, but not on count day: Lesser Scaup.)—Gustave Angst, Pauline Baker, Guy Bartlett, Eleanor Byrne, Esly Hallenbeck, Byron T. Hipple, Jr. (compiler), Mrs. Byron T. Hipple, Jr., Mary Johnston, Walter E. Kaskan, Mrs. E. J. Kilcawley, Mary Linch, Samuel R. Madison, Mr. and Mrs. Howard Malone, Walton Sabin, Mr. and Mrs. LeRoy Thomas, Nelle G. VanVorst (Schenectady Bird Club, Inc.).

117. Watertown, N. Y. (all points within a 15-mile diameter circle, center latitude 44, longitude 76; center moved this year 4 miles west to include Black River Bay, some of Guffin's Bay, parts of Lake Ontario, part of Perch River Game Management Area).—Dec. 26; 7:10 a.m. to 4 p.m. Cloudy; temp. 28° to 30°; no wind; 0-2-in. snow, most streams frozen. Seventeen observers in 12 parties. Total party-hours, 40 (23 on foot, 17 by car); total party-miles, 190 (30 on foot, 160 by car). ► Mallard, 1; Black Duck, 27; Greater Scaup, 9; Common Goldeneye, 50; Hooded Merganser, 1; Common Merganser, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Rough-legged Hawk, 12; Sparrow Hawk, 1; Ruffed Grouse, 7; Ring-necked Pheasant, 8; Gray Partridge, 28; **Killdeer,** 1; Herring Gull, 42; Snowy Owl, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 10; Downy Woodpecker, 22; Horned Lark, 2; Blue Jay, 20; Black-capped Chickadee, 153; White-breasted Nuthatch, 18; Red-breasted Nuthatch, 1; Brown Creeper, 1; Robin, 2; Northern Shrike, 2; Starling, 118; House Sparrow, 233; Cardinal, 9; Evening Grosbeak, 203; Common Redpoll, 10; **Pine Siskin, 1**; Am. Goldfinch, 15; Slate-colored Junco, 4; Tree Sparrow, 58; White-throated Sparrow, 2; Song Sparrow, 1; Snow Bunting, 80. **Total,** 39 species; about 1157 individuals. (Seen in area count period, but not on count day: Purple Finch, **Vesper Sparrow**.)—Mr. and Mrs. Arthur W. Allen, John Belknap, Joseph Blake, Frank Clinch (compiler), Marie Elitharp, Joseph Ellis, David Gordon, Lucile Grant, Gertrude Houghton, Marada Johnson, Ruth Mereand, Robert Nelson, Arthur Salisbury, Erma Schell, Arthur Walrath, John Wilson.

118. Watkins Glen, N. Y. (all points within a 15-mile diameter circle, center as last year).—Dec. 27; 7:30 a.m. to 5 p.m. Foggy, some rain; temp. 38° to 44°; wind S, 0-5 m.p.h.; 1-in. snow in hills, ponds frozen, lake, streams open. Nine observers in 7 parties. Total party-hours, 45 (30 on foot, 15 by car); total party-miles, 124 (32 on foot, 92 by car). ► Pied-billed Grebe, 1; Black Duck, 10; Redhead, 1; Sharp-shinned Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 5; Ruffed Grouse, 2; Am. Coot, 1; Herring Gull, 80; Ring-billed Gull, 51; Mourning Dove, 4; Great Horned Owl, 1; Belted Kingfisher, 1; Hairy Woodpecker, 25; Downy Woodpecker, 47; Blue Jay, 57; Common Crow, 67; Black-capped Chickadee, 193; White-breasted Nuthatch, 41; Brown Creeper, 4; Carolina Wren, 6; Golden-crowned Kinglet, 25; Ruby-crowned Kinglet, 1; Cedar Waxwing, 2; Starling, 59; House Sparrow, 807; Redwinged Blackbird, 1; Common Grackle, 1; Brown-headed Cowbird, 5; Cardinal, 46; Evening Grosbeak, 81; Common Redpoll, 155; Am. Goldfinch, 27; Slate-colored Junco, 51; Tree Sparrow, 474; Chipping Sparrow, 4 [no details—Ed.]; White-throated Sparrow, 1; Song Sparrow, 1. **Total,** 38 species; about 2340 individuals. (Seen in area count period, but not on count day: Robin.)—Jamesine Bardeen (compiler), Morris Bardeen, Mrs. Lewis Beardsley, Mrs. Frank Brown, Jack Brubaker, Albert W. Fudge, Mary L. German, Louise Helfer, Arthur E. Kopp.

119. Barnegat, N. J. (all points within a 15-mile diameter circle, center at Ship Bottom as in 1958 and previous counts; salt marsh 40%, bay and beach 40%, upland 20%).—Jan. 3; 7 a.m. to 5 p.m. Rain to 9:30 a.m., then clear; temp. 39° to 50°; wind SW, 25-30 m.p.h.; bay open, ground bare. Twelve observers in 4 parties. Total party-hours, 50 (37 on foot, 13 by car); total party-miles, 180 (32 on foot, 148 by car). ► Common Loon, 4; Red-throated Loon, 3; Horned Grebe, 70; Pied-billed Grebe, 2; Gannet, 4; Great Cormorant, 57; Double-crested Cormorant, 2; Great Blue Heron, 27; Black-crowned Night Heron, 2; Am. Bittern, 1; Canada Goose, 60; Brant, 5800; Mallard, 1; Black Duck, 145; Greater Scaup, 50; Common Goldeneye, 95; Bufflehead, 108; Oldsquaw, 1400; Harlequin Duck, 2 [no details—Ed.]; Common Eider, 3; White-winged Scoter, 1500; Surf Scoter, 1150; Common Scoter, 500; Red-breasted Mergan-

ser, 70; Turkey Vulture, 5; Sharp-shinned Hawk, 3; Rough-legged Hawk, 5; Marsh Hawk, 14; Sparrow Hawk, 7; Ruffed Grouse, 2; Bobwhite, 37; Clapper Rail, 2; Killdeer, 1; Black-bellied Plover, 1; Ruddy Turnstone, 5; Purple Sandpiper, 25; Dunlin, 35; Semipalmated Sandpiper, 1; Sanderling, 275; Iceland Gull, 1; Great Black-backed Gull, 235; Herring Gull, 2000; Ring-billed Gull, 46; Laughing Gull, 1; Bonaparte's Gull, 100; Mourning Dove, 5; Yellow-shafted Flicker, 5; Hairy Woodpecker, 2; Downy Woodpecker, 5; Horned Lark, 63; Blue Jay, 19; Common Crow, 20; Fish Crow, 1; Black-capped Chickadee, 9; Carolina Chickadee, 70; Tufted Titmouse, 24; White-breasted Nuthatch, 5; Red-breasted Nuthatch, 1; Winter Wren, 2; Carolina Wren, 5; Mockingbird, 13; Catbird, 2; Robin, 230; Golden-crowned Kinglet, 2; Starling, 400; Myrtle Warbler, 240; House Sparrow, 160; Eastern Meadowlark, 34; Redwinged Blackbird, 49; Common Grackle, 5; Brown-headed Cowbird, 9; Cardinal, 40; Evening Grosbeak, 26; Purple Finch, 4; Common Redpoll, 2; Pine Siskin, 22; Am. Goldfinch, 61; Rufous-sided Towhee, 2; Ipswich Sparrow, 1; Savannah Sparrow, 27; Sharp-tailed Sparrow, 2; Vesper Sparrow, 2; Slate-colored Junco, 80; Tree Sparrow, 55; Field Sparrow, 14; White-throated Sparrow, 80; Fox Sparrow, 8; Swamp Sparrow, 4; Song Sparrow, 23. **Total,** 89 species; about 15,690 individuals. (Seen in area count period, but not on count day: Bald Eagle, Red-tailed Hawk, Snowy Owl, Belted Kingfisher, Hermit Thrush.)—Vincent Abraitys, Irving Black, Phil Brody, Howard Drinkwater, Robert Frohling (compiler), Doug Gill, Charles Hetzel, Bert Murray, Jr., Nick Niosi, W. Osborn, W. Sanford, Lester Walsh.

120. Boonton, N. J. (all points within a 15-mile diameter circle, center Troy Hills as last year).—Dec. 27; 5 a.m. to 5 p.m. Fog, rain; temp. 35° to 40°; wind E, 15 m.p.h.; ground bare, reservoir open, ponds frozen. Fifteen observers in 4 parties. Total party-hours, 50 (15 on foot, 31 by car, 4 by canoe); total party-miles, 160 (25 on foot, 132 by car, 3 by canoe). ► Horned Grebe, 2; Pied-billed Grebe, 1; Great Blue Heron, 3; Mute Swan, 3; Canada Goose, 1; Mallard, 355; Black Duck, 2300; Gadwall, 1; Pintail, 2; Am. Widgeon, 95; Ring-necked Duck, 25; Common Merganser, 27; Red-tailed Hawk, 2; Red-shouldered Hawk, 6; Rough-legged Hawk, 1; Marsh Hawk, 3; Sparrow Hawk, 13; Ring-necked Pheasant, 6; Virginia Rail, 4; **Sora, 1** (seen well—C.H.); Common Snipe, 2; Herring Gull, 8; Mourning Dove, 14; Screech Owl, 9; Great Horned Owl, 3; Saw-whet Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 6; Hairy Woodpecker, 9; Downy Woodpecker, 40; Horned Lark, 85; Blue Jay, 200; Common Crow, 190; Black-capped Chickadee, 140; Tufted Titmouse, 102; White-breasted Nuthatch, 56; Red-breasted Nuthatch, 1; Brown Creeper, 4; Winter Wren, 4; Carolina Wren, 2; Long-billed Marsh Wren, 2; Mockingbird, 1; Catbird, 1; Robin, 17; Eastern Bluebird, 4; Golden-crowned Kinglet, 10; Cedar Waxwing, 45; Starling, 420; House Sparrow, 175; Eastern Meadowlark, 8; Redwinged Blackbird, 29; Rusty Blackbird, 10; Common Grackle, 1; Brown-headed Cowbird, 1; Cardinal, 64; Purple Finch, 15; Common Redpoll, 19; Pine Siskin, 2; Am. Goldfinch, 71; Savannah Sparrow, 10; Slate-colored Junco, 100; Tree Sparrow, 610; Field Sparrow, 14; White-throated Sparrow, 135; Fox Sparrow, 1; Swamp Sparrow, 40; Song Sparrow, 210; Snow Bunting, 1. **Total,** 68 species; about 5834 individuals. —I. Black, R. Frohling, D. Gill, F. Gill, C. Hetzel, A. Hoiberg, J. Jehl, Jr., G. LaStatione, B. Murray, N. Niosi, W. Standaert, R. Thorsell, E. Wendling, P. Westcott, F. Wolfarth (compiler).

121. Bridgeton, N. J. (all points within a 15-mile diameter circle, center at Cedarville to include Sea Breeze and Fortescue on Delaware Bay; all observations in Cumberland County; suburbs 1%, mixed woodlands 10%, salt marsh 30%, plowed land 40%, fresh-water ponds and streams 15%, salt water 4%). —Dec. 26; 6 a.m. to 5 p.m. Heavy overcast; temp. 34° to 43°; no wind; fresh water ponds partly frozen. Fifteen observers in 6 parties. Total party-hours, 52 (12 on foot, 40 by car); total party-miles, 226 (27 on foot, 199 by car). ► Pied-billed Grebe, 1; Great Blue Heron, 9; **Green Heron, 1** (close range—B.M., J.Q.); Black-crowned Night Heron, 2; Am. Bittern, 1; Canada Goose, 24; Snow Goose, 500; Mallard, 32; Black Duck, 209; Green-winged Teal, 1; Am. Widgeon, 38; Wood Duck, 5; Ring-necked Duck, 84; Hooded Merganser, 1; Common Merganser, 25; duck (sp.), 65; Turkey Vulture, 48; Red-tailed Hawk, 2; Rough-legged Hawk, 3; Bald Eagle, 5; Marsh Hawk, 24; Sparrow Hawk, 29; Bobwhite, 122; Ring-necked Pheasant, 2; Clapper Rail, 2; Killdeer, 37; Common Snipe, 1; Dunlin, 7; Sanderling, 2; Great Black-backed Gull, 4; Herring Gull, 599; Ring-billed Gull, 43; Mourning Dove, 434; Barn Owl, 1; Screech Owl, 1; Great Horned Owl, 3; Short-eared Owl, 1; Belted Kingfisher, 9; Yellow-shafted Flicker, 22; **Red-bellied Woodpecker, 7**; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 6; Downy Woodpecker, 37; Horned Lark, 47; Blue Jay, 156; Common Crow, 125; Fish Crow, 7; Carolina Chickadee, 96; Tufted Titmouse, 48; White-breasted Nuthatch, 12; Red-breasted Nuthatch, 3; Brown Creeper, 4; Winter Wren, 1; Carolina Wren, 15; Long-billed Marsh Wren, 1; Short-billed Marsh Wren, **4**; Mockingbird, 45; Catbird, 1; Brown Thrasher, 1; Robin, 221; Hermit Thrush, 3; Eastern Bluebird, 1; Golden-crowned Kinglet, 3; Ruby-crowned Kinglet, 1; Loggerhead Shrike, 1; Starling, 1769; Myrtle Warbler, 45; **Pine Warbler, 3**; Palm Warbler, 1; Yellow-throat, 3; House Sparrow, 519; Eastern Meadowlark, 186; Redwinged Blackbird, 5553; **Baltimore Oriole, 3**; Rusty Blackbird, 1; Common Grackle, 9982; Brown-headed Cowbird, 6745; Cardinal, 136; Evening Grosbeak, 33; Am. Goldfinch, 159; Rufous-sided Towhee, **12**; Savannah Sparrow, 71; Sharp-tailed Sparrow, 3; Vesper Sparrow, 3; Slate-colored Junco, 276; Tree Sparrow, 87; Field Sparrow, 89; White-throated Sparrow, 283; Fox Sparrow, 1; Swamp Sparrow, 45; Song Sparrow, 201. **Total,** 90 species; about 29,455 individuals.—Norman Albertson, Richard Bostwick, Mrs. Frank Cortelyou, Mr. and Mrs. LeRoy Cossaboon, Erma R. Jones, Donald Kunkle, Bennett K. Matlack (compiler), Mrs. Leslie Myatt, J. Stanley Quickmire, Jr., Mrs. James Randolph, Mr. and Mrs. Kenneth Roberts, Paul Taylor.

122. **Cape May, N. J.** (all points within a 15-mile diameter circle, center Rio Grande as in previous counts).—Dec. 27; 7 a.m. to 4 p.m. Heavy fog a.m., lifted somewhat p.m.; temp. 44° to 46°; wind variable, light. Forty-six observers in 10 parties. Total party-hours, 80 (60 on foot, 20 by car); total party-miles, 450 (150 on foot, 300 by car). ► Common Loon, 30; Red-throated Loon, 75; Red-necked Grebe, 1; Horned Grebe, 90; Pied-billed Grebe, 18; Great Blue Heron, 47; Little Blue Heron, 20; **Cattle Egret, 1** (present all fall—J.C.); Common Egret, 26; Snowy Egret, 11; **Louisiana Heron, 1**; Black-crowned Night Heron, 26; Am. Bittern, 4; **Whistling Swan, 1** (present since Oct.); Canada Goose, 36; Brant, 12,000; Snow Goose, 28; Mallard, 150; Black Duck, 4500; Gadwall, 3; Pintail, 2; Green-winged Teal, 5; Blue-winged Teal, 7; Am. Widgeon, 335; Wood Duck, 4; Ring-necked Duck, 3; Canvasback, 1; Greater Scaup, 116; Lesser Scaup, 22; Common Goldeneye, 64; Bufflehead, 650; Oldsquaw, 120; **Harlequin Duck, 1**; White-winged Scoter, 60; Surf Scoter, 50; Common Scoter, 150; Ruddy Duck, 33; Hooded Merganser, 37; Red-breasted Merganser, 60; Turkey Vulture, 100; Sharp-shinned Hawk, 4; Cooper's Hawk, 4; Red-tailed Hawk, 6; Red-shouldered Hawk, 7; **Broad-winged Hawk, 1** (adult—H.P.); Rough-legged Hawk, 1; Marsh Hawk, 40; Peregrine Falcon, 3; Pigeon Hawk, 2; Sparrow Hawk, **65**; Ruffed Grouse, 1; Bobwhite, 62; Ring-necked Pheasant, 2; Clapper Rail, 19; Am. Coot, 150; Semipalmated Plover, 2; Killdeer, 37; Black-bellied Plover, 200; Ruddy Turnstone, 6; Am. Woodcock, 4; Common Snipe, 7; Spotted Sandpiper, 1; Greater Yellowlegs, 15; Lesser Yellowlegs, 1; Knot, 1; Purple Sandpiper, 78; **White-rumped Sandpiper, 1** (with Least and Semipalmated, studied 4 times during day—D.C.); Least Sandpiper, 41; Dunlin, 4700; dowitcher (sp.), 5; Semipalmated Sandpiper, 56; Western Sandpiper, 10; Sanderling, 590; **Iceland Gull, 1**; Great Black-backed Gull, 250; Herring Gull, 9500; Ring-billed Gull, 283; Bonaparte's Gull, 14; Black-legged Kittiwake, 1; Forster's Tern, 1; **Common Tern, 1** (carefully identified—D.C.); **Razorbill, 1**; Mourning Dove, 290; Barn Owl, 1; Screech Owl, 4; Great Horned Owl, **19**; Barred Owl, 1; Belted Kingfisher, 26; Yellow-shafted Flicker, **130**; Red-bellied Woodpecker, 2; Hairy Woodpecker, 10; Downy Woodpecker, **100**; Eastern Phoebe, 1; Horned Lark, 175; Tree Swallow, 15; Blue Jay, 325; Common Crow, 1050; Fish Crow, 125; Carolina Chickadee, 200; Tufted Titmouse, 85; White-breasted Nuthatch, 10; Red-breasted Nuthatch, 13; Brown Creeper, 6; House Wren, 7; Winter Wren, 4; Carolina Wren, 100; Long-billed Marsh Wren, 4; Short-billed Marsh Wren, 1; Mockingbird, **153**; Catbird, 27; Brown Thrasher, **20**; Robin, 4500; Hermit Thrush, 30; Eastern Bluebird, 113; Golden-crowned Kinglet, 13; Ruby-crowned Kinglet, 3; Water Pipit, 3; Cedar Waxwing, 5; Loggerhead Shrike, 1; Starling, 20,000; Orange-crowned Warbler, 1; Myrtle Warbler, 3300; Palm Warbler, 24; Yellowthroat, 3; House Sparrow, 2300; Eastern Meadowlark, 385; Redwinged Blackbird, 9000; Rusty Blackbird, 72; **Brewer's Blackbird, 4**; Boat-tailed Grackle, 6; Common Grackle, 5100; Brown-headed Cowbird, **6800**; Cardinal, 325; Evening Grosbeak, 17; Purple Finch, 19; Common Redpoll, 4; Am. Goldfinch, 290; Rufous-sided Towhee, 38; Ipswich Sparrow, 4; Savannah Sparrow, 200; Sharp-tailed Sparrow, 55; Seaside Sparrow, 3; Vesper Sparrow, 8; Slate-colored Junco, 200; Tree Sparrow, 250; Chipping Sparrow, 9; Field Sparrow, 175; White-crowned Sparrow, 5; White-throated Sparrow, 790; Fox Sparrow, 41; Swamp Sparrow, 60; Song Sparrow, **550**; Snow Bunting, 11. **Total,** 153 species; about 92,683 individuals.—John L. Afton, J. C. Archer, William J. Bailey, Daniel E. Batezel, Fred C. Binter, Alan Brady, Harry W. Brown, Richard C. Burroughs, David Cadbury, Joel Cadbury, Joseph M. Cadbury, E. A. Choate (compiler), Mary R. Cregar, David A. Cutler, Herbert Cutler, Henry Guthrie, Mrs. E. A. Guthrie, Bernard Haines, Robert L. Haines, Stephen T. Harty, Joseph A. Jacobs, Richard Joos, Oscar H. Joyce, Quintin Kramer, Donald Kunkle, Robert W. Leeds, M. A. Linton, Edward R. Manners, E. Wayne Marshall, Virginia E. Marshall, Peter A. McCord, John McIlvain, Wilde R. Mellencamp, Robert Mertz, James L. Moore, Howell Peniston, Ralph I. Pierce, Julian K. Potter, Chester L. Reagan, George B. Reynard, John Sawyer, C. E. Stasz, James L. Stasz, Francis C. Stokes, Edward D. Wildman, Charles A. Wonderly.

123. **Great Swamp–Watchung Ridges, N. J.** (all points within a 15-mile diameter circle, center New Providence; woodland 25%, open fields 25%, swamp 20%, river and brook 10%, reservoir 10%, residential 10%, 30 feeding stations).—Dec. 26; 7:30 a.m. to 4:30 p.m. Cloudy, light rain late p.m.; temp. 35° to 43°; wind NW, 2 m.p.h.; ground bare, most water open. Forty-four observers in 10 parties. Total party-hours, 74 (56 on foot, 18 by car); total party-miles, 380 (97 on foot, 283 by car). ► **Great Blue Heron, 1**; Mute Swan, 4; Mallard, 110; Black Duck, 12; Gadwall, 1; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 17; Red-shouldered Hawk, 12; **Bald Eagle, 1**; Marsh Hawk, 2; Sparrow Hawk, 16; Ruffed Grouse, 1; Ring-necked Pheasant, 11; Killdeer, 4; **Am. Woodcock, 1** (still present, caught and banded); Great Black-backed Gull, 9; Herring Gull, 722; Mourning Dove, 289; Screech Owl, 2; Great Horned Owl, 3; Belted Kingfisher, 7; Yellow-shafted Flicker, 21; Pileated Woodpecker, 5; Hairy Woodpecker, 40; Downy Woodpecker, 249; Blue Jay, 618; Common Crow, 179; Black-capped Chickadee, 609; Tufted Titmouse, 443; White-breasted Nuthatch, 222; Red-breasted Nuthatch, **30**; Brown Creeper, 20; Winter Wren, 6; Carolina Wren, 8; **Mockingbird, 5**; **Catbird, 5**; Robin, 38; **Hermit Thrush, 2**; Eastern Bluebird, 29; Golden-crowned Kinglet, 15; Ruby-crowned Kinglet, 4; Cedar Waxwing, 26; Starling, 1415; Myrtle Warbler, 13; House Sparrow, 708; Eastern Meadowlark, 44; Redwinged Blackbird, 147; Rusty Blackbird, 40; Common Grackle, 6; Brown-headed Cowbird, 621; Cardinal, 296; Evening Grosbeak, **64**; Purple Finch, 107; **House Finch, 2** (at feeder all month); Common Redpoll, 45; Pine Siskin, 45; Am. Goldfinch, 341; Rufous-sided Towhee, **8**; Slate-colored Junco, 805; Tree Sparrow, 695; Field Sparrow, **64**; **White-crowned Sparrow, 2** (many observers); White-throated Sparrow, 581; Fox Sparrow, 29; Swamp

Sparrow, 5; Song Sparrow, 318. **Total,** 67 species; about 10,203 individuals. (Seen in area count period, but not on count day: Saw-whet Owl, Baltimore Oriole.)—Dave Adam, Mrs. F. D. Beidleman, Mr. and Mrs. W. Benkert, Mrs. F. L. Bower, Otto Brief, William C. Brown, Maurice Chaillet, Peter Cross, Mrs. C. T. Downey, C. C. Garvin, C. C. Garvin, Sr., Mr. and Mrs. James W. Hand, Charles Hoiles, Mr. and Mrs. Charles Huebner, Robert Humphries, Mrs. George Johnson, K. Keith King, Mr. and Mrs. Neil Knorr, Julia Krebs, Dr. and Mrs. R. W. Krebs, Jeannette Middlebrook (compiler), Virginia Middlebrook, John T. Neal, John d'Arcy Northwood, Mr. and Mrs. Courtney Norwine, Conrad Ogden, Hadley Roe, Mr. and Mrs. F. Rolf, Mr. and Mrs. C. B. Schaughency, Mr. and Mrs. Albert Schnitzer, Mrs. Ralph B. Swain, Walter Thurber, Lois Wenman, Mrs. J. R. Whitlock, Mrs. F. S. Wolpert.

124. Hackensack–Ridgewood, N. J. (all points within a 15-mile diameter circle, center River Edge Railroad Station; east to Hudson River, north to N. Y. State line, west to Passaic River, south to Paterson Plank Road).—Dec. 26; 2 a.m. to 5 p.m.; temp. 34° to 42°; wind NW, 2 m.p.h.; ground with 3-4-in. snow. Forty-nine observers in 15 parties. Total party-hours, 123 (88 on foot, 35 by car); total party-miles, 366 (73 on foot, 293 by car). ► Canada Goose, 456; **Brant, 20** (on Hudson—D.A.R. party); Mallard, 1049; Black Duck, 587; Pintail, 21; Green-winged Teal, 4; Wood Duck, 1; Ring-necked Duck, 1; Canvasback, 210; Greater Scaup, 200; Lesser Scaup, 1; Common Goldeneye, 4; Common Merganser, 45; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 3; Red-shouldered Hawk, 3; Sparrow Hawk, 16; Ring-necked Pheasant, 18; Killdeer, 4; Common Snipe, 3; Great Black-backed Gull, 29; Herring Gull, 2115; Ring-billed Gull, 56; Bonaparte's Gull, 50; Mourning Dove, **296**; Screech Owl, 2; Long-eared Owl, 1; Belted Kingfisher, 7; Yellow-shafted Flicker, 6; Hairy Woodpecker, 33; Downy Woodpecker, 128; Horned Lark, 47; Blue Jay, 391; Common Crow, 119; Black-capped Chickadee, 411; **Boreal Chickadee, 1** (seen well); Tufted Titmouse, 189; White-breasted Nuthatch, 109; Red-breasted Nuthatch, **247**; Brown Creeper, 19; Winter Wren, 3; Carolina Wren, 10; Catbird, 1; **Brown Thrasher, 1**; Robin, 28; Hermit Thrush, 2; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 1; Cedar Waxwing, 32; Starling, 4588; Myrtle Warbler, 30; House Sparrow, 784; Eastern Meadowlark, 4; Redwinged Blackbird, **430**; Rusty Blackbird, 61; Common Grackle, 9; Brown-headed Cowbird, **549**; Cardinal, **181**; Evening Grosbeak, 34; Purple Finch, 35; Common Redpoll, 9; Am. Goldfinch, **216**; Rufous-sided Towhee, 16; Savannah Sparrow, **24**; Slate-colored Junco, **594**; Tree Sparrow, **407**; Field Sparrow, **114**; White-throated Sparrow, **403**; Fox Sparrow, 31; Swamp Sparrow, 14; Song Sparrow, **338**. **Total,** 72 species; about 15,855 individuals. (Seen in area count period, but not on count day: Evening Grosbeak.)—E. R. Abeles, Mrs. H. T. Armitt, H. T. Armitt, E. M. Bacon, Mrs. E. M. Bacon, A. Barber, A. Bihun, Jr., I. Black, H. Brewer, F. V. Cross, Mrs. R. C. DaCosta, R. C. DaCosta, J. C. Demarest, A. Dunham, Mrs. N. F. Emig, N. F. Emig, G. C. Engel, Mrs. L. Fetter, H. S. Fisher, G. Gertz, D. Gill, F. Gill, H. Hendrickson, Mrs. F. C. Herrmann, F. K. Hopper, F. K. Hopper, Jr., M. Kuhnen, S. Maciula, Mrs. R. W. Maisch, Mrs. W. Mender, D. Mouillesseaux, E. C. Mueller, Jr., Mrs. E. Nugent, D. Pallas, R. Post, Mrs. D. Reville, Mrs. F. J. Root, Mrs. D. A. Roser, D. A. Roser, Mrs. H. E. Rowlands, P. A. Ruby, Mrs. R. J. Sailer, F. R. Schetty (compiler), Mrs. E. G. Smith, E. G. Smith, J. Smith, Mrs. J. Van Saun, Mrs. W. S. Willis, Mrs. T. Wright (Ridgewood-Hackensack Audubon Societies).

125. High Point State Park, N. J. (all points within a 15-mile diameter circle, center intersection of Deckertown Pike and Crigger Road as last year).—Jan. 2; 6:30 a.m. to 5 p.m. Clear a.m., cloudy p.m.; temp. 4° to 15°; wind S, 1-10 m.p.h.; ground snow-covered, lakes and half of streams ice-bound. Twenty-seven observers in 12 parties. Total party-hours, 61 (14 on foot, 46 by car, 1 at feeding station); total party-miles, 405 (15 on foot, 390 by car). ► Canada Goose, 2; Black Duck, 90; **Lesser Scaup, 5**; Common Goldeneye, 4; Sharp-shinned Hawk, 1; Red-tailed Hawk, 6; Red-shouldered Hawk, 1; **Bald Eagle,** 1; Sparrow Hawk, 3; Ruffed Grouse, 7; **Turkey, 11**; Am. Coot, 3; Herring Gull, 13; Belted Kingfisher, 3; Yellow-shafted Flicker, 4; Pileated Woodpecker, 2; Hairy Woodpecker, 14; Downy Woodpecker, 58; Horned Lark, 72; Blue Jay, 319; Common Crow, 982; Black-capped Chickadee, 332; Tufted Titmouse, 33; White-breasted Nuthatch, 61; Red-breasted Nuthatch, 7; Brown Creeper, 3; **Carolina Wren, 2**; **Mockingbird, 1**; Robin, 1; Golden-crowned Kinglet, 14; Starling, 1487; House Sparrow, 1350; Eastern Meadowlark, 23; **Rusty Blackbird, 1**; Brown-headed Cowbird, 35; Cardinal, 53; Evening Grosbeak, 267; Purple Finch, 10; Common Redpoll, **187**; Pine Siskin, 19; Am. Goldfinch, 80; **Vesper Sparrow, 1**; Slate-colored Junco, 362; Tree Sparrow, 460; White-throated Sparrow, 1; Song Sparrow, 5. **Total,** 46 species; about 6396 individuals. (Seen in area count period, but not on count day: Snowy Owl.)—Allen and Ella Black, Louis and Elizabeth Cherepy, H. Vinton, Alan and Donald Coes, William and Shirley Colby, Calvin Crane, Benton P. Cummings, Richard Dufford, Walter Goelitz, Maynard and Lillian Hammond, Charles and Barbara Kientzler, Dryden Kuser (compiler), Grace Kuser, Kenneth Marron, Freda Mason, Daniel McPeek, Dennis Pegg, Beverly Post, Eva Rodimer, Helen Santina, James Zamos.

126. Lakehurst, N. J. (all points within a 15-mile diameter circle, center near Silverton; Lakewood to Lakehurst, Toms River, Silverton, Seaside Heights, Point Pleasant; pine woods 25%, ocean 15%, farmland 15%, towns 15%, bays and ponds 10%, marshes 10%, beach front 10%).—Jan. 2; 6 a.m. to 6 p.m. Fair a.m., cloudy to rainy p.m.; temp. 16° to 46°; wind NW, 5-15 m.p.h. Eight observers in 2 parties. Total party-hours, 22 (12 on foot, 10 by car); total party-miles, 125 (10 on foot, 115 by car). ► Horned Grebe, 36; Pied-billed Grebe, 2; Double-crested Cormorant, 6; Mute Swan, **42**; Canada Goose, 250; Brant, 20; Snow Goose, 1; Mallard, 20; Black Duck,

20; Gadwall, 2; Green-winged Teal, 1; Am. Widgeon, 250; Redhead, 1; Canvasback, 1; Greater Scaup, 60; Lesser Scaup, 5; Common Goldeneye, 15; Bufflehead, 42; Oldsquaw, 3; Common Scoter, 16; Ruddy Duck, 8; Common Merganser, 20; Red-breasted Merganser, 45; Turkey Vulture, 8; Red-tailed Hawk, 2; Sparrow Hawk, 3; Clapper Rail, 3; Am. Coot, 15; Killdeer, 7; Sanderling, 12; Great Black-backed Gull, 30; Herring Gull, 550; Ring-billed Gull, 8; Laughing Gull, 1; Bonaparte's Gull, 2; Mourning Dove, **180**; Hairy Woodpecker, 2; Downy Woodpecker, 8; Horned Lark, 1; Blue Jay, 80; Common Crow, 150; Fish Crow, 1; Black-capped Chickadee, 2; Carolina Chickadee, 35; Tufted Titmouse, 35; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 1; Brown Creeper, 2; Winter Wren, 1; Carolina Wren, 3; Mockingbird, 2; Catbird, 1; Brown Thrasher, 1; Robin, 40; Eastern Bluebird, 3; Golden-crowned Kinglet, 7; Ruby-crowned Kinglet, 1; Cedar Waxwing, 1; Starling, 250; Myrtle Warbler, 6; Palm Warbler, 1; House Sparrow, 150; Eastern Meadowlark, 6; Red-winged Blackbird, 3; Common Grackle, 7; Brown-headed Cowbird, 7; Cardinal, 38; Evening Grosbeak, 12; Purple Finch, 12; Pine Siskin, 6; Am. Goldfinch, 12; Rufous-sided Towhee, 1; Savannah Sparrow, 1; Sharp-tailed Sparrow, 1; Seaside Sparrow, 3; Slate-colored Junco, 25; Tree Sparrow, 20; Field Sparrow, 6; White-throated Sparrow, 35; Fox Sparrow, 2; Swamp Sparrow, 2; Song Sparrow, 32. **Total,** 82 species; about 2704 individuals.—David Fables, Jr. (compiler), Sue Fables, Leo Holland, Ronald Kroll, Carol Straus, Gary Straus, Harvey Straus, Milton Straus.

127. **Long Branch, N. J.** (all points within a 15-mile diameter circle, center near Wayside; bays and ponds 25%, beach front 20%, brushy fields 15%, farmland 15%, marshes 10%, woods 10%, residential 5%).—Jan. 2; 6:30 a.m. to 5 p.m. Clear; temp. 21° to 40°; wind SW, 3 m.p.h.; no snow, ponds mostly frozen. Thirty-one observers in 9 parties. Total party-hours, 78 (50 on foot, 25 by car, 3 by boat); total party-miles, 445 (40 on foot, 400 by car, 5 by boat). ► Common Loon, 3; Red-throated Loon, 8; Horned Grebe, 212; **Eared Grebe, 1** (C.L., N.N., B.M.); Pied-billed Grebe, 5; Gannet, 2; Great Cormorant, 91; Double-crested Cormorant, 31; Great Blue Heron, 12; **Common Egret, 1** (C.L. party); Black-crowned Night Heron, 1; Am. Bittern, 1; Mute Swan, 17; Whistling Swan, 1; Canada Goose, 84; Mallard, 371; Black Duck, 1112; Gadwall, 6; Pintail, 9; Green-winged Teal, 2; Am. Widgeon, **2710**; Redhead, 4; Ring-necked Duck, 28; Canvasback, 853; Greater Scaup, 1580; Lesser Scaup, 200; scaup (sp.), 450; Common Goldeneye, 133; Bufflehead, 93; Oldsquaw, 2; White-winged Scoter, 21; Surf Scoter, 5; Common Scoter, 26; Ruddy Duck, 476; Hooded Merganser, 6; Common Merganser, 73; Red-breasted Merganser, 102; Red-tailed Hawk, 7; Bald Eagle, 1; **Pigeon Hawk, 1**; Sparrow Hawk, 15; Bobwhite, 6; Ring-necked Pheasant, **20**; Clapper Rail, 3; Am. Coot, 133; Killdeer, 9; Purple Sandpiper, 2; Sanderling, 35; Glaucous Gull, 1; Iceland Gull, 1; Great Black-backed Gull, 219; Herring Gull, 6220; Ring-billed Gull, 211; **Black-headed Gull, 2** (2 parties); Bonaparte's Gull, 628; **Black-legged Kittiwake, 3**; Mourning Dove, **641**; Barn Owl, 2; Screech Owl, **12**; Great Horned Owl, 1; Belted Kingfisher, 13; Yellow-shafted Flicker, 3; Hairy Woodpecker, 9; Downy Woodpecker, 45; Horned Lark, 150; Blue Jay, **140**; Common Crow, 201; Fish Crow, 8; Carolina Chickadee, 125; Tufted Titmouse, 62; White-breasted Nuthatch, 25; Red-breasted Nuthatch, 3; Brown Creeper, 6; Winter Wren, 3; Carolina Wren, 22; Long-billed Marsh Wren, 3; Mockingbird, **9**; Catbird, 4; Brown Thrasher, 2; Robin, 454; Hermit Thrush, 1; Eastern Bluebird, 2; Golden-crowned Kinglet, 15; Ruby-crowned Kinglet, 1; Starling, 2916; **Orange-crowned Warbler, 1** (close study); Myrtle Warbler, 30; House Sparrow, 197; Eastern Meadowlark, 46; Red-winged Blackbird, 243; Common Grackle, 162; Brown-headed Cowbird, 849; Cardinal, 79; Evening Grosbeak, **79**; Purple Finch, 24; Pine Siskin, 5; Am. Goldfinch, 121; Rufous-sided Towhee, 1; Savannah Sparrow, 6; Sharp-tailed Sparrow, 4; Slate-colored Junco, 206; Tree Sparrow, 61; Field Sparrow, 19; White-throated Sparrow, 228; Fox Sparrow, 6; Swamp Sparrow, 33; Song Sparrow, 144. **Total,** 106 species; about 23,671 individuals.—I. H. Black, P. Brody, J. S. Brown, Marian Day, J. DeCanio, Margaret Duncombe, B. Einhorn, A. Gaines, D. Gill, F. Gill, Mrs. J. Guttman, Mrs. M. Hampton, C. Lincoln, J. Lovett, Mrs. J. Lovett, G. McCallum, Mrs. A. McKim, B. Murray, F. Newton, N. Niosi, N. Pettingell, Grace Reeves, C. Rosenthal, D. Rosenthal, W. F. Sandford, G. M. Seeley (compiler), E. Wisner, H. Wisner, M. S. Whaley, Mrs. M. S. Whaley, J. Wopat, Jr.

128. **Moorestown–Maple Shade–Riverton, N. J.** (all points within a 15-mile diameter circle, center where N. J. Turnpike goes over South Church Street in Moorestown; town suburbs 35%, farmland 34%, deciduous woods 17%, riverfront 6%, wet brushy meadows 5%, evergreen woods 3%).—Jan. 3; 7:30 a.m. to 11 p.m. Rainy, clearing 11 a.m.; temp. 55° to 40°; wind S to NW, 20-25 m.p.h.; ground bare, no ice. Sixty-eight observers in 40 parties. Total party-hours, 131 (58 on foot, 31 by car, 42 at feeders); total party-miles, 229 (48 on foot, 181 by car). ► Pied-billed Grebe, 2; Great Blue Heron, 1; Canada Goose, 64; Mallard, 120; Black Duck, 21; Pintail, 4; Am. Widgeon, 19; Ruddy Duck, 100; Red-breasted Merganser, 2; Turkey Vulture, 19; Red-tailed Hawk, 12; Red-shouldered Hawk, 1; **Rough-legged Hawk, 1**; Marsh Hawk, 9; Sparrow Hawk, 45; Bobwhite, 15; Ring-necked Pheasant, 47; Virginia Rail, 1; Killdeer, 3; Common Snipe, 2; Great Black-backed Gull, 4; Herring Gull, 311; Ring-billed Gull, 26; Mourning Dove, **799**; Barn Owl, 2; Screech Owl, 5; Great Horned Owl, 2; Long-eared Owl, **12**; Yellow-shafted Flicker, 13; Hairy Woodpecker, 5; Downy Woodpecker, 70; Horned Lark, 45; Blue Jay, 101; Common Crow, 383; Fish Crow, 5; Carolina Chickadee, 174; Tufted Titmouse, 75; White-breasted Nuthatch, **44**; Red-breasted Nuthatch, 7; Winter Wren, 1; Carolina Wren, 6; Mockingbird, 54; Catbird, 1; Robin, 24; Hermit Thrush, 2; Golden-crowned Kinglet, 1; Ruby-crowned Kinglet, 1; Cedar Waxwing, 15; Starling, 4714; House Sparrow, 996; Eastern Meadowlark, 206; Redwinged Blackbird, 65; Common Grackle,

254; Brown-headed Cowbird, 78; Cardinal, 150; Evening Grosbeak, 14; Purple Finch, 16; **House Finch, 36** (at feeder 5 weeks); Am. Goldfinch, 322; Savannah Sparrow, 3; Slate-colored Junco, 552; Tree Sparrow, 31; Field Sparrow, 79; White-throated Sparrow, 454; Fox Sparrow, 3; Swamp Sparrow, 15; Song Sparrow, 178. **Total,** 67 species; about 10,842 individuals. (Seen in area count period, but not on count day: Brown Creeper, Myrtle Warbler, Rufous-sided Towhee, Snow Bunting.)—S. Aldridge, L. and G. Allyn, I. Anders, D. A. Balme, M. Bickley, F. Binter, A. Borton, C. Bowers, T. Carroll, B. and L. Cleaver, H. Coe, H. Collins, F. Conrow, P. Davis, A. and J. Deyo, E. Dominguez, E. Elkinton, B., E. and H. Gibson, E. Gillingham, C. Gremminger, B. Haines, M. Harris, S. Harty, M. Hihns, M. Hollinshead, D. E. Lawyer, M. R. and M. A. Linton, A., E. and J. Lippincott, E. Litchfield, J., M., S., S., Jr., and T. Little, M. Lovell, D. McGaw, H. and J. L. Moore, Jr. (compilers), V. Morse, D. Nelson, D. Read, C. Reagan, H. and R. Ritchie, H. Roberts, C. Rodman, A. and M. Rogers, C. Scott, H. Stone, J. and S. Taylor, M. Sweeny, F. Turnow, E. Wallace, T. Werllin, E. West, E. Wildman, H. and R. Wood.

129. Morristown, N. J. (all points within a 15-mile diameter circle, center at Ironia; open area 37%, woodland and wooded hills 49%, swamp and lowlands 5%, open lakes country 9%).—Jan. 3; 7 a.m. to 5:30 p.m. Heavy rain a.m., clearing p.m.; temp. 35° to 54°; wind moderate; lakes and ponds open. Twenty-six observers in 6 parties. Total party-hours, 57 (20 on foot, 37 by car); total party-miles, 343 (23 on foot, 320 by car). ► Mute Swan, 20; Mallard, 37; Black Duck, 27; Greater Scaup, 8; Lesser Scaup, 2; Common Goldeneye, 8; Bufflehead, 3; Turkey Vulture, 2; Red-tailed Hawk, 6; Red-shouldered Hawk, 3; Marsh Hawk, 2; Peregrine Falcon, 1; Sparrow Hawk, 5; Ruffed Grouse, 4; Ring-necked Pheasant, 4; Killdeer, 1; Herring Gull, 77; Mourning Dove, 50; Screech Owl, 1; Great Horned Owl, 2; Belted Kingfisher, 3; Yellow-shafted Flicker, 3; Pileated Woodpecker, 2; Hairy Woodpecker, 20; Downy Woodpecker, 62; Horned Lark, 115; Blue Jay, 97; Common Crow, 561; Black-capped Chickadee, 331; Tufted Titmouse, 148; White-breasted Nuthatch, 54; Brown Creeper, 7; Winter Wren, 3; Carolina Wren, 4; Mockingbird, 4; Robin, 36; Hermit Thrush, 5; Eastern Bluebird, 28; Golden-crowned Kinglet, 19; Ruby-crowned Kinglet, 2; Cedar Waxwing, 44; Starling, 824; House Sparrow, 678; Eastern Meadowlark, 25; Redwinged Blackbird, 23; Brown-headed Cowbird, 4; Cardinal, 134; Evening Grosbeak, 122; Purple Finch, 14; Pine Siskin, 6; Am. Goldfinch, 88; Rufous-sided Towhee, 2; Slate-colored Junco, 262; Tree Sparrow, 487; Field Sparrow, 2; White-throated Sparrow, 45; Fox Sparrow, 1; Swamp Sparrow, 1; Song Sparrow, 25. **Total,** 59 species; about 4554 individuals. (Seen in area count period, but not on count day: Dickcissel.)—Mr. and Mrs. K. Absalon, Mrs. M. Allen, Mrs. H. Appleby, Roland Bonorden (compiler), Mrs. G. Cannon, M. Chaillet, F. Daly, Mr. and Mrs. G. Francis, Mrs. H. Gensler, Mr. and Mrs. J. Hand, Mrs. M. Haslwanter, J. Littlebrook, C. F. Peterson, Mr. and Mrs. J. M. Purcell, Mr. and Mrs. C. B. Schaughency, I. Thompson, Mrs. E. Welch, Mr. and Mrs. M. Weig, L. Wenman, A. M. Wittenberg (Morris Nature Club).

130. Mount Holly, N. J. (all points within a 15-mile diameter circle, center same as in former years).—Jan. 2; 7 a.m. to 4 p.m. Clear to cloudy, light rain; temp. 22° to 42°; wind 0-5 m.p.h. Three observers in 1 party. Total party-hours, 9; total party-miles, 100 (5 on foot, 95 by car). ► Great Blue Heron, 1; Turkey Vulture, 20; Red-tailed Hawk, 6; Red-shouldered Hawk, 2; Sparrow Hawk, 10; Ring-necked Pheasant, 2; Herring Gull, 24; Mourning Dove, 62; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 11; Blue Jay, 16; Common Crow, 75; Fish Crow, 1; Black-capped Chickadee, 34; Tufted Titmouse, 8; White-breasted Nuthatch, 10; Red-breasted Nuthatch, 2; Carolina Wren, 2; Mockingbird, 21; Robin, 15; Cedar Waxwing, 1; Starling, 150; House Sparrow, 20; Eastern Meadowlark, 30; Redwinged Blackbird, 16; Rusty Blackbird, 42; Common Grackle, 105; Brown-headed Cowbird, 8; Cardinal, 7; Evening Grosbeak, 31; Purple Finch, 5; Pine Siskin, 1; Am. Goldfinch, 28; Slate-colored Junco, 78; Tree Sparrow, 27; White-throated Sparrow, 80; Fox Sparrow, 2; Song Sparrow, 2. **Total,** 40 species; about 960 individuals. (Seen in area count period, but not on count day: Black Duck, Hermit Thrush, Myrtle Warbler.)—May Middleton, Nelson D. W. Pumyea (compiler), J. Russell Sprow.

131. Northwestern Gloucester County, N. J. (all points within a 15-mile diameter circle, center same as in former years).—Dec. 26; 6 a.m. to 5 p.m. Cloudy, fog over river; temp. 31° to 42°; wind SW, 4-8 m.p.h.; streams open, ponds partly frozen. Thirty-three observers in 12 parties. Total party-hours, 108 (83 on foot, 25 by car); total party-miles, 424 (74 on foot, 350 by car). ► Great Blue Heron, 10; Canada Goose, 50; Mallard, 37; Black Duck, 659; Pintail, 278; Ring-necked Duck, 2; Lesser Scaup, 12; Ruddy Duck, 200; Common Merganser, 106; Turkey Vulture, 70; Sharp-shinned Hawk, 1; Cooper's Hawk, 3; Red-tailed Hawk, **29**; Red-shouldered Hawk, 10; Marsh Hawk, 22; **Pigeon Hawk, 2**; Sparrow Hawk, **102**; Bobwhite, **143**; Ring-necked Pheasant, 12; Killdeer, 19; Common Snipe, 1; Great Black-backed Gull, 15; Herring Gull, 222; Ring-billed Gull, 126; Mourning Dove, **708**; Screech Owl, 1; Great Horned Owl, 2; Long-eared Owl, 4; Belted Kingfisher, **13**; Yellow-shafted Flicker, **38**; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 17; Downy Woodpecker, **122**; Horned Lark, 411; Blue Jay, **312**; Common Crow, 1100; Fish Crow, 66; Carolina Chickadee, 243; Tufted Titmouse, 91; White-breasted Nuthatch, 49; Red-breasted Nuthatch, 1; Brown Creeper, 6; Winter Wren, 10; Carolina Wren, 84; Mockingbird, **97**; Robin, 792; Hermit Thrush, 2; Eastern Bluebird, 5; Golden-crowned Kinglet, 24; Ruby-crowned Kinglet, 2; Water Pipit, 12; Cedar Waxwing, 60; Loggerhead Shrike, 1; Starling, 10,040; Myrtle Warbler, 3; Palm Warbler, 1; House Sparrow, 1148; Eastern Meadowlark, 205; Redwinged Blackbird, 502; Rusty Blackbird, 75; Common Grackle, 42; Brown-headed Cowbird, **958**; Cardinal, 217; Evening Grosbeak, **24**;

Purple Finch, 38; Pine Siskin, 1; Am. Goldfinch, 282; Rufous-sided Towhee, 7; Savannah Sparrow, 11; Vesper Sparrow, 12; Slate-colored Junco, 2605; Tree Sparrow, 348; Field Sparrow, 293; White-crowned Sparrow, 4; White-throated Sparrow, 2166; Fox Sparrow, 17; Swamp Sparrow, 30; Song Sparrow, 462; Snow Bunting, 1. **Total,** 79 species; about 25,897 individuals. (Seen in area count period, but not on count day: **Red-headed Woodpecker,** Baltimore Oriole, **House Finch, Common Redpoll.**)—Carl Bresler, L. E. Busch, Drew Byers, Bob Cassel, James O. Clark, Jamie Clark, Sam Clark, Bob Cotton, Lloyd Davis, Bob Drew, Kingsley Ebert, Dick Ebert, Russell Fowler, Mimi Glass, Wyn Glass, Bill Jenkins, Lois King, Phil Lawrence, Roger Lawrence, Kirby Lentz, Bob Loveland, Ed Manners, Jim Middleton, Thelma Middleton, W. R. Middleton (compiler), Elbert Nixdorf, Paul O'Brien, Fred Poole, Henry Rodberg, Dale Sanville, Clarence Stasz, Dick Wright (Gloucester County Nature Club and guests).

132. Northwestern Hunterdon County, N. J. (all points within a 15-mile diameter circle, center at Clinton as in previous counts).—Dec. 26; 7 a.m. to 4 p.m. Cloudy; temp. 40° to 45°; wind SW, 1 m.p.h.; ground snow-covered, streams open, ponds lightly frozen. Sixteen observers in 5 parties. Total party-hours, 45 (5 on foot, 40 by car); total party-miles, 315 (15 on foot, 300 by car). ► Mallard, 26; Red-tailed Hawk, 56; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 52; Ruffed Grouse, 1; Ring-necked Pheasant, 63; Mourning Dove, 495; Long-eared Owl, 12; Belted Kingfisher, 5; Yellow-shafted Flicker, 16; **Red-bellied Woodpecker,** 1; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 14; Downy Woodpecker, 76; Horned Lark, 294; Blue Jay, 63; Common Crow, 1465; Black-capped Chickadee, 244; **Boreal Chickadee,** 1 (at feeder several days); Tufted Titmouse, 112; White-breasted Nuthatch, 60; Brown Creeper, 2; Carolina Wren, 3; Mockingbird, 17; Robin, 10; Hermit Thrush, 1; Eastern Bluebird, 30; Golden-crowned Kinglet, 7; Starling, 1842; House Sparrow, 959; Eastern Meadowlark, 120; Brown-headed Cowbird, 1; Cardinal, 135; Evening Grosbeak, 35; Purple Finch, 6; **Common Redpoll, 50**; Am. Goldfinch, 66; **White-winged Crossbill,** 1; Savannah Sparrow, 4; **Vesper Sparrow,** 12; Slate-colored Junco, 700; Tree Sparrow, 352; Field Sparrow, 1; White-throated Sparrow, 93; Fox Sparrow, 1; Song Sparrow, 54. **Total,** 48 species; about 7563 individuals.—Fred Alles, Vincent Abraitys, Lewis Bartok, David Buckholz, LeRoy Bellis, Walter Barbey, Mrs. R. Chatfield, Sidney Dillon, Wayne Douglas, Howard Drinkwater (compiler), David Johnson, M. Kellman, G. Merck, Joseph Muller, Norman Peet, Hans Spehr (Hunterdon County Bird Club).

133. Oceanville, N. J. (all points within a 15-mile diameter circle, center on Brigantine Wildlife Refuge Headquarters; same area since 1952; ocean and bay 40%, salt marsh 10%, woodland 30%, cultivated 15%, residential 5%).—Jan. 2; 8 a.m. to 4:30 p.m. Fair; temp. 19° to 40°; wind S, 3-7 m.p.h. Thirty-three observers in 14 parties. Total party-hours, 120 (70 on foot, 50 by car); total party-miles, 694 (72 on foot, 622 by car). ► Common Loon, 2; Red-throated Loon, 25; Red-necked Grebe, 2; Horned Grebe, 110; Pied-billed Grebe, 30; Great Blue Heron, 195; Common Egret, 3; Black-crowned Night Heron, 73; Am. Bittern, 1; Mute Swan, 12; Whistling Swan, 7; Canada Goose, 200; Brant, 40,000; Blue Goose, 1; Mallard, 200; Black Duck, 20,000; Pintail, 380; Green-winged Teal, 2; Am. Widgeon, 100; Shoveler, 115; Wood Duck, 4; Redhead, 10; Ring-necked Duck, 1; Canvasback, 1; Greater Scaup, 2900; Lesser Scaup, 4; Common Goldeneye, 200; Bufflehead, 850; Oldsquaw, 55; Common Eider, 1; White-winged Scoter, 2000; Surf Scoter, 50; Common Scoter, 500; Ruddy Duck, 30; Hooded Merganser, 28; Common Merganser, 26; Red-breasted Merganser, 70; Turkey Vulture, 1; Sharp-shinned Hawk, 4; Cooper's Hawk, 1; Red-tailed Hawk, 13; Red-shouldered Hawk, 5; Rough-legged Hawk, 8; Bald Eagle, 5; Marsh Hawk, 20; Pigeon Hawk, 2; Sparrow Hawk, 25; Bobwhite, 30; Clapper Rail, 12; Virginia Rail, 1; **Yellow Rail,** 1 (flushed 10 ft. ahead, small rail, conspicuous white wing-patches—P.D., S.H., G.R.); Am. Coot, 80; Killdeer, 20; **Semipalmated Plover,** 1; Black-bellied Plover, 35; Ruddy Turnstone, 2; Common Snipe, 2; Greater Yellowlegs, 3; Lesser Yellowlegs, 1; Purple Sandpiper, 25; Dunlin, 3500; Sanderling, 400; Glaucous Gull, 3; **Iceland Gull,** 1; Great Black-backed Gull, 250; Herring Gull, 12,000; Ring-billed Gull, 560; Bonaparte's Gull, 1; Mourning Dove, 400; Barn Owl, 1; Screech Owl, 2; Great Horned Owl, 2; Short-eared Owl, 5; Belted Kingfisher, 15; Yellow-shafted Flicker, 55; Hairy Woodpecker, 3; Downy Woodpecker, 40; Horned Lark, 110; Tree Swallow, 6; Blue Jay, 250; Common Crow, 200; Fish Crow, 6; Carolina Chickadee, 120; Tufted Titmouse, 20; White-breasted Nuthatch, 9; Red-breasted Nuthatch, 7; Brown Creeper, 8; Winter Wren, 1; Carolina Wren, 16; Long-billed Marsh Wren, 2; Short-billed Marsh Wren, 2; Mockingbird, 51; Catbird, 5; Brown Thrasher, 9; Robin, 385; Hermit Thrush, 6; Eastern Bluebird, 28; Golden-crowned Kinglet, 30; Ruby-crowned Kinglet, 5; Cedar Waxwing, 1; Starling, 5550; Myrtle Warbler, 5500; Yellowthroat, 1; House Sparrow, 300; Eastern Meadowlark, 250; Redwinged Blackbird, 1000; Common Grackle, 3; Brown-headed Cowbird, 850; Cardinal, 100; Evening Grosbeak, 105; Purple Finch, 4; Pine Siskin, 222; Am. Goldfinch, 200; Rufous-sided Towhee, 5; Ipswich Sparrow, 5; Savannah Sparrow, 36; Sharp-tailed Sparrow, 14; Seaside Sparrow, 5; Vesper Sparrow, 1; Slate-colored Junco, 250; Tree Sparrow, 135; Field Sparrow, 50; White-throated Sparrow, 376; Fox Sparrow, 9; Swamp Sparrow, 9; Song Sparrow, 250; Snow Bunting, 1. **Total,** 127 species; about 102,230 individuals. (Seen in area count period, but not on count day: Snow Goose, **Indigo Bunting.**)—E. L. Altemus, Elizabeth Brady, Alan Brady, R. S. Brodey, T. S. Byers, Ernest A. Choate, Pete Davis, Frank Frazier, Jr., Stephen T. Harty (compiler), George E. Ingersoll, Charlotte H. Jones, James H. Jones, A. J. Kronschnabel, A. N. Langford, P. Lawrence, Robert Leeds, Mike Logue, Edward Manners, James K. Meritt, Paul O'Brien, Dorothy Poole, Fred Poole, Julian K. Potter, Stan Quickmire, Bill P. Renolds, George B. Reynard, John

Sawyer, Clarence Stasz, James Stasz, Philips B. Street, Fred VanSant, R. T. Walton, Dick Wright.

134. **Princeton, N. J.** (all points within a 9¼-mile diameter circle, center Graduate College; villages, estates, farms, lowland and upland deciduous woods, cedar and pine groves, swamp, marsh, lake, streams). —Dec. 30; 7 a.m. to 5:30 p.m. Clear, cloudy at first; temp. 32° to 39°; wind SW, light; ground lightly snow-covered a.m., most waters open. Twelve observers in 6 parties + 1 at a food station. Total party-hours, 39 (37 on foot, 2 by car); total party-miles, 65 (37 on foot, 28 by car). ► Canada Goose, 3; Mallard, 60; Black Duck, 10; Sharp-shinned Hawk, 1; Red-tailed Hawk, 5; Marsh Hawk, 2; Sparrow Hawk, 7; Ring-necked Pheasant, 19; Herring Gull, 20; Ring-billed Gull, 21; Mourning Dove, 44; Belted Kingfisher, 3; Yellow-shafted Flicker, 6; **Red-bellied Woodpecker, 1** (F.L., C.L.); Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 17; Downy Woodpecker, 59; Horned Lark, 140; Blue Jay, 32; Common Crow, 91; chickadee, 102 (Black-capped 17+, Carolina 9+); Tufted Titmouse, 51; White-breasted Nuthatch, 46; Brown Creeper, 12; Winter Wren, 2; Carolina Wren, **11**; Mockingbird, **7**; Robin, 3; Hermit Thrush, 1; Eastern Bluebird, 8; Golden-crowned Kinglet, 13; Starling, 827; Myrtle Warbler, 9; **Yellowthroat, 1** (F.L., C.L.); House Sparrow, 93; Eastern Meadowlark, 18; Redwinged Blackbird, 3; Common Grackle, 379; Brown-headed Cowbird, 1; Cardinal, 48; Evening Grosbeak, 5; Purple Finch, 13; **House Finch, 40** (since early Nov., 1st record for county); Am. Goldfinch, 88; Slate-colored Junco, 296; Tree Sparrow, 152; Field Sparrow, 35; White-throated Sparrow, 114; Swamp Sparrow, 4; Song Sparrow, 104. **Total,** 51 species; about 3028 individuals. (Seen in area count period, but not on count day: Pintail, Hooded and Common Mergansers, Red-shouldered Hawk, Common Snipe, Red-breasted Nuthatch, Common Redpoll, Fox Sparrow.)—W. F. Alston, E. D. Bloor, Jr., J. M. Burrill, C. A. Fox, G. M. Krall, S. A. Lamet, C. F. Leck, F. W. Loetscher, Jr., C. H. Rogers (compiler), A. L. Shinn, M. T. Sprout, H. W. and C. Turnbull.

135. **Ramsey, N. J.** (all points within a 15-mile diameter circle, center at Lake Erskine, including Wanaque Reservoir, Pompton Lakes, Pines Lake, Greenwood Lake, Franklin Lakes, Allendale, Mahwah, Ramsey, Wyckoff; lakes and ponds 16%, deciduous woodlands 22%, evergreen woodland 3%, unplowed fields and brush 33%, plowed fields 5%, marsh 2%, golf courses and estates 2%, town and suburban 17%).—Jan. 2; 7:30 a.m. to 5 p.m. Clear a.m., cloudy p.m.; temp. 10° to 40°; wind SW, 15 m.p.h.; lakes and ponds frozen, ground bare. Twenty-eight observers in 7 parties. Total party-hours, 56 (44 on foot, 12 by car); total party-miles, 419 (46 on foot, 373 by car). ► Common Loon, 2; Great Blue Heron, 1; Mute Swan, 4; Canada Goose, 194; Mallard, 194; Black Duck, 96; Ring-necked Duck, 16; Common Goldeneye, 21; **Oldsquaw, 1**; Common Merganser, 103; Red-breasted Merganser, **57**; Red-tailed Hawk, 2; Sparrow Hawk, 2; Ruffed Grouse, 2; Ring-necked Pheasant, 1; Herring Gull, 311; Ring-billed Gull, 4; Mourning Dove, **220**; Screech Owl, 1; Belted Kingfisher, 9; Yellow-shafted Flicker, 5; Pileated Woodpecker, 3; **Yellow-bellied Sapsucker, 1**; Hairy Woodpecker, 27; Downy Woodpecker, 113; Blue Jay, 512; Common Crow, 136; Black-capped Chickadee, 324; Tufted Titmouse, 218; White-breasted Nuthatch, 156; Red-breasted Nuthatch, 8; Brown Creeper, 8; Carolina Wren, 7; Brown Thrasher, 1; Robin, 40; Hermit Thrush, 2; Eastern Bluebird, 12; Golden-crowned Kinglet, 24; Ruby-crowned Kinglet, 1; Cedar Waxwing, 10; Starling, 1692; House Sparrow, 543; Eastern Meadowlark, 7; Redwinged Blackbird, 6; Rusty Blackbird, 2; Common Grackle, 5; Brown-headed Cowbird, 39; Cardinal, 114; Evening Grosbeak, **305**; Purple Finch, 100; **Common Redpoll, 114**; Pine Siskin, 16; Am. Goldfinch, 254; Rufous-sided Towhee, 5; Savannah Sparrow, 2; Slate-colored Junco, 1217; Tree Sparrow, 739; Chipping Sparrow, 3; Field Sparrow, 27; White-throated Sparrow, 217; Fox Sparrow, 7; Swamp Sparrow, 16; Song Sparrow, 84. **Total,** 63 species; about 8363 individuals. [Veery submitted without details removed from list—Ed.] (Seen in area count period, but not on count day: Bufflehead, Hooded Merganser, Barred Owl, Saw-whet Owl, Winter Wren.)—E. M. Bevilacqua, David Cockcroft, Frank Chraplivwy, John Y. Dater, Mrs. John Y. Dater, Roy Dietert, Mrs. Roy Dietert, R. DiGrazia, Susan Estler, Ray V. Jones, David L. Leich (compiler), Robert MacKenzie, Frank McLaughlin, Ned Mueller, Tom Olenchalk, Mrs. Robert Phelps, Kenneth Prytherch, Mrs. Chester Pulis, Mrs. Newell Sjolander, Stanley Stedman, Stiles Thomas, Peter Van Arsdale, Henry Walcott, Mrs. Henry Walcott, William Webb, Lemuel Webster, Mrs. Lemuel Webster, Nat Woodson (Fyke Nature Association).

136. **Raritan Estuary, N. J.** (all points within a 15-mile diameter circle, center Bonhamtown; semi-urban areas 25%, farmland and orchards 15%, pine barrens 10%, salt marsh and fill 25%, deciduous woodlands 13%, swampy woods 9%, bayshore 3%).—Dec. 28; 4:30 a.m. to 6 p.m. Fog and rain; visibility 50 ft. at start, never more than 500 ft.; temp. 36° to 46°; no wind; patches of old snow, some ponds frozen. Eleven observers in 7 parties. Total party-hours, 57 (43 on foot, 14 by car); total party-miles, 333 (52 on foot, 281 by car). ► Great Blue Heron, 1; Black-crowned Night Heron, 2; Mallard, 22; Black Duck, 49; Canvasback, 20; Greater Scaup, 200+; Common Goldeneye, 19; Bufflehead, 150+; White-winged Scoter, 1; Red-tailed Hawk, 3; Rough-legged Hawk, 1; Pigeon Hawk, 1; Sparrow Hawk, 2; Bobwhite, 4; Ring-necked Pheasant, 3; Virginia Rail, 2; Killdeer, 2; Great Black-backed Gull, 22; Herring Gull, 800+; Ring-billed Gull, **500+**; Bonaparte's Gull, 67; Mourning Dove, 24; Screech Owl, 2; Great Horned Owl, 1; Barred Owl, 1; Long-eared Owl, 1; Short-eared Owl, 2; Belted Kingfisher, 3; Yellow-shafted Flicker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 27; Horned Lark, 112; Blue Jay, 55; Common Crow, 16; Fish Crow, 1; Black-capped Chickadee, 39; Carolina Chickadee, 5; Tufted Titmouse, 17; White-breasted Nuthatch, 7; Brown Creeper, 1; Winter Wren, 1; Mockingbird, 1; Robin, 1; Hermit Thrush, 1; Golden-crowned Kinglet, 1; Starling, 1474; Myrtle Warbler, 8; House Sparrow,

308; Eastern Meadowlark, 9; Redwinged Blackbird, 668; Rusty Blackbird, 9; Common Grackle, 485; Brown-headed Cowbird, 242; Cardinal, 47; Purple Finch, 17; **House Finch, 6**; Pine Siskin, 6; Am. Goldfinch, 78; Savannah Sparrow, 9; Slate-colored Junco, 343; Tree Sparrow, 402; Field Sparrow, 28; White-throated Sparrow, 157; Swamp Sparrow, 31; Song Sparrow, 149; Lapland Longspur, 1; Snow Bunting, 31. **Total,** 67 species; more than 6700 individuals. Record high water on meadows (resulting from spring tide at new moon, runoff from melting snow and heavy rains) flooded out the Starling-Icterid roost. The small numbers of these species remaining appeared to have roosted in nearby trees.—Gilbert Cant (compiler), John G. H. Cant, George G. Daniels, David Fables, Howard and Sara Joselson, Michael and Terry Logue, A. N. Longford, Noel Pettingell, Robert Troisi (Urner Ornithological Club).

137. Somerville, N. J. (all points within a 15-mile diameter circle, center Somerville traffic circle; farming country, rivers, canal, ponds, deciduous forest, suburban, woodlands).—Jan. 2; 7 a.m. to 4 p.m. Sunny till noon; temp. 20° to 43°; wind S to SW, 2-4 m.p.h.; ponds and canal frozen. Twenty-five observers in 10 parties. Total party-hours, 66 (19 on foot, 47 by car); total party-miles, 389 (28 on foot, 361 by car). ► Great Blue Heron, 1; Black-crowned Night Heron, 1; Canada Goose, 100; Mallard, 98; Black Duck, 1; Cooper's Hawk, 2; Red-tailed Hawk, 20; Red-shouldered Hawk, 10; Marsh Hawk, 7; Sparrow Hawk, 21; Ruffed Grouse, 3; Ring-necked Pheasant, 10; Killdeer, 2; Herring Gull, 10; Mourning Dove, 239; Barn Owl, 1; Long-eared Owl, 9; **Short-eared Owl, 7**; Belted Kingfisher, 5; Yellow-shafted Flicker, 6; Pileated Woodpecker, 1; Hairy Woodpecker, 9; Downy Woodpecker, 81; Horned Lark, 37; Blue Jay, 110; Common Crow, 953; Black-capped Chickadee, 167; Carolina Chickadee, 5; Tufted Titmouse, 120; White-breasted Nuthatch, 81; Red-breasted Nuthatch, 6; Brown Creeper, 4; Carolina Wren, 2; Mockingbird, **31**; Catbird, 1; Robin, 9; Eastern Bluebird, 67; Golden-crowned Kinglet, 7; Cedar Waxwing, 10; Starling, 3018; Myrtle Warbler, 55; House Sparrow, 619; Eastern Meadowlark, 31; Redwinged Blackbird, 5; Common Grackle, 409; Brown-headed Cowbird, 103; Cardinal, 58; Evening Grosbeak, 8; Purple Finch, 64; **House Finch, 14**; Pine Siskin, 5; Am. Goldfinch, 54; Slate-colored Junco, 268; Tree Sparrow, 246; Chipping Sparrow, 7; **White-crowned Sparrow, 4**; White-throated Sparrow, 129; Fox Sparrow, 5; Song Sparrow, 60. **Total,** 59 species; about 7417 individuals. (Seen in area count period, but not on count day: Yellow-bellied Sapsucker, Brown Thrasher, Rufous-sided Towhee, crippled Swainson's Thrush at feeder.)—Mrs. Kenneth Fitts, Mr. and Mrs. Leland Foster, Mr. and Mrs. Gordon Glenn, Mary V. Griswold (compiler), Ben Haddock, Mrs. A. Herrick, V. Kaselis, James Moise, Mr. and Mrs. Ted Pettit, Beth Pettit, Mr. and Mrs. B. L. Pfeiffer, Don Ross, Mr. and Mrs. Malcolm Schandle, Mr. and Mrs. Ernest Schmidt and son, Mrs. E. R. Spalt, Helen Stevens, Jeff Swinebroad, Mrs. Charles Wiebosch.

138. Sussex County, N. J. (all points within a 15-mile diameter circle, center near intersection of Lafayette, Hardyston and Sparta Townships as in previous years).—Dec. 27; 4:30 a.m. to 6 p.m. Dense fog all day; temp. 32° to 45°; wind N, 3 m.p.h.; lakes frozen, ground snow-covered. Twenty-six observers in 10 parties. Total party-hours, 72 (8 on foot, 64 by car); total party-miles, 497 (10 on foot, 487 by car). ► Mute Swan, 6; Mallard, 5; Black Duck, 31; Am. Widgeon, 1; Wood Duck, 1; Red-tailed Hawk, 13; Sparrow Hawk, 9; Ruffed Grouse, 3; Ring-necked Pheasant, 2; Killdeer, 3; **Am. Woodcock, 2**; Common Snipe, 5; Mourning Dove, 91; Screech Owl, 1; Great Horned Owl, 1; Belted Kingfisher, 6; Yellow-shafted Flicker, 4; Hairy Woodpecker, 10; Downy Woodpecker, 71; Horned Lark, 166; Blue Jay, 104; Common Crow, 63; Black-capped Chickadee, 181; Tufted Titmouse, 43; White-breasted Nuthatch, 32; Red-breasted Nuthatch, 1; Brown Creeper, 5; Winter Wren, 1; **Mockingbird, 4;** Catbird, 1; Robin, 4; Hermit Thrush, 1; Eastern Bluebird, 2; Golden-crowned Kinglet, 2; Starling, 2850; House Sparrow, 2566; Eastern Meadowlark, 89; Redwinged Blackbird, 13; Brown-headed Cowbird, 7; Cardinal, 130; Evening Grosbeak, 100; Purple Finch, 11; Common Redpoll, 8; Pine Siskin, 15; Am. Goldfinch, 197; Vesper Sparrow, **8**; Slate-colored Junco, 834; Tree Sparrow, 1019; White-throated Sparrow, 38; Swamp Sparrow, 10; Song Sparrow, 45. **Total,** 51 species; about 8815 individuals. (See in area count period, but not on count day: Great Blue Heron, Pileated Woodpecker, Loggerhead Shrike.)—Helen Bay, Ella Black (compiler), Allen Black, Beth Case, Elizabeth Cherepy, Louis Cherepy, Eleanor Coes, H. V. Coes, Shirley Colby, William Colby, Benton Cummings, Richard Dufford, Anne Hopper, Floyd Hopper, Floyd Hopper, Jr., Eleanor Johnson, George Johnson, Betty Kientzler, Charles Kientzler, Grace Kuser, Dryden Kuser, Kenneth Marron, Dennis Pegg, Beverly Post, Eva Rodimer, James Zamos.

139. Allentown, Pa. (all points within a 15-mile diameter circle, center same as in previous years).—Dec. 26; 8 a.m. to 4 p.m. Cloudy; temp. 31° to 38°; wind SW, 0-10 m.p.h. Twelve observers in 3 parties. Total party-hours, 24 (21 on foot, 3 by car); total party-miles, 81 (17 on foot, 64 by car). ► Canada Goose, 30; Mallard, 435; Black Duck, 30; Pintail, 2; Am. Widgeon, 300; Hooded Merganser, 1; Red-breasted Merganser, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Marsh Hawk, 4; Sparrow Hawk, 3; Ring-necked Pheasant, 114; **Common Snipe, 1**; Herring Gull, 5; Mourning Dove, 105; Screech Owl, 2; Long-eared Owl, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 1; **Yellow-bellied Sapsucker, 1**; Hairy Woodpecker, 3; Downy Woodpecker, 35; Horned Lark, 110; Blue Jay, 20; Common Crow, 117; Black-capped Chickadee, 111; Tufted Titmouse, 47; White-breasted Nuthatch, 19; Red-breasted Nuthatch, 4; Brown Creeper, 7; Winter Wren, 3; Carolina Wren, 4; Mockingbird, 2; Golden-crowned Kinglet, 5; Ruby-crowned Kinglet, 1; Cedar Waxwing, 10; Starling, 2351; House Sparrow, 874; Eastern Meadowlark, 17; Common Grackle, 12; Brown-headed Cowbird, 15; Cardinal, 47; Purple Finch, 3; Common Redpoll, 7; Am. Goldfinch, 34; Slate-colored Junco, 220; Tree Sparrow, 85; **White-**

crowned **Sparrow,** 1; White-throated Sparrow, 94; Swamp Sparrow, 2; Song Sparrow, 26; Lapland Longspur, 1; Snow Bunting, 2. **Total,** 54 species; about 5331 individuals. (Seen in area count period, but not on count day: Green-winged Teal, Robin, Evening Grosbeak.)—Brent Follweiler, Clarence Gehris, Don Heintzelman, Clara Luckenbach, Clinton Miller, Robert Miller, Carl E. Montgomery (compiler), Earl E. Montgomery, Miriam Schantz, Ann Wesson, Leonard Wesson, Franklin B. Witmer (Lehigh Valley Bird Club).

140. Bangor, Pa. (all points within a 15-mile diameter circle, center Bangor, including boroughs of East Bangor, Pen Argyl, villages of Flicksville, Ackermanville, Richmond, Martins Creek).—Dec. 26; 7 a.m. to 5 p.m. Clear; temp. 24° to 45°; wind NE, 5 m.p.h.; ponds and streams open. Twelve observers in 12 parties. Total party-hours, 90; total party-miles, 29 (14 on foot, 15 by car). ► Ruffed Grouse, 1; Ring-necked Pheasant, 19; Downy Woodpecker, 12; Blue Jay, 19; Common Crow, 57; Black-capped Chickadee, 53; Tufted Titmouse, 14; White-breasted Nuthatch, 16; Brown Creeper, 1; Winter Wren, 1; Mockingbird, 1; Robin, 3; Starling, 307; House Sparrow, 307; Cardinal, 34; Evening Grosbeak, 34; Pine Siskin, 3; Slate-colored Junco, 51; Song Sparrow, 20. **Total,** 19 species; about 953 individuals.—Walter Altorfer, Mrs. Whit Bartron, Stanley E. Beegle, George I. Godshalk, Mrs. Ruth P. Keat, Bradley Miller, Jay D. Pysher, Willard J. Pysher (compiler), Harvey Smale, Mildred I. Telfer, Mr. and Mrs. Ray Williams.

141. Bethlehem, Pa. (all points within a 15-mile diameter circle, center 4 miles east of Bethlehem on Applebutter Road; deciduous woodlands 21%, coniferous woodlands 2%, farmland 62%, lakes and rivers 7%, residential 8%).—Dec. 30; 8:30 a.m. to 4:30 p.m. Variable cloudiness; temp. 34° to 40°; wind W, 15-20 m.p.h.; trace of snow on ground, ponds and lakes frozen. Six observers in 2 parties. Total party-hours, 16 (6 on foot, 10 by car); total party-miles, 140 (7 on foot, 133 by car). ► Canada Goose, 1; Mallard, 43; Black Duck, 1; Common Merganser, 6; Sharp-shinned Hawk, 1; Red-tailed Hawk, 5; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Sparrow Hawk, 12; Ring-necked Pheasant, 14; Herring Gull, 2; Mourning Dove, 145; Belted Kingfisher, 2; Yellow-shafted Flicker, 4; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 5; Downy Woodpecker, 32; Horned Lark, 6; Blue Jay, 12; Common Crow, 167; Black-capped Chickadee, 120; Tufted Titmouse, 55; White-breasted Nuthatch, 30; Red-breasted Nuthatch, 8; Carolina Wren, 2; Mockingbird, 4; Robin, 9; Golden-crowned Kinglet, 2; Starling, 1350; House Sparrow, 460; Eastern Meadowlark, 9; Redwinged Blackbird, 4; **Baltimore Oriole, 1** (male, female also present); Common Grackle, 2; Brown-headed Cowbird, 6; Cardinal, 42; Purple Finch, 5; Am. Goldfinch, 22; Slate-colored Junco, 170; Tree Sparrow, 32; Field Sparrow, 4; White-crowned Sparrow, 2; White-throated Sparrow, 63; Fox Sparrow, 1; Song Sparrow, 49. **Total,** 45 species; about 2914 individuals. (Seen in area count period, but not on count day: Cooper's Hawk, Brown Creeper, Evening Grosbeak, Common Redpoll, Rufous-sided Towhee, Swamp Sparrow, Lapland Longspur.)—Clarence Gehris, Ralph Mancke, Evelyn Peffer, Eunice Schafer, Ronald Sherry, Walter Thurber (compiler).

142. Carlisle, Pa. (all points within a 15-mile diameter circle, center 6½ miles southwest of Carlisle on Route 174; open farmland 40%, mixed woodland 25%, creeks, ponds, and springs 25%, deciduous farm woodlots 5%, town suburbs 5%).—Dec. 26; 7:30 a.m. to 4:30 p.m. Overcast; temp. 28° to 38°; wind WSW, 0-4 m.p.h.; ground with 1-in. snow, creeks and ponds partly frozen. Four observers in 1 party. Total party-hours, 9 (3 on foot, 6 by car); total party-miles, 115 (3 on foot, 112 by car). ► Red-tailed Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 5; Killdeer, 15; Common Snipe, 3; Mourning Dove, 1; Belted Kingfisher, 4; Downy Woodpecker, 5; Blue Jay, 18; Common Crow, 400; Black-capped Chickadee, 26; Tufted Titmouse, 8; White-breasted Nuthatch, 14; **Red-breasted Nuthatch, 10**; Brown Creeper, 3; Winter Wren, 1; Mockingbird, 10; Robin, 1; Golden-crowned Kinglet, 4; Starling, 500; House Sparrow, 140; Eastern Meadowlark, 6; Cardinal, 44; Evening Grosbeak, 63; Am. Goldfinch, 4; Slate-colored Junco, 41; Tree Sparrow, 40; Field Sparrow, 2; White-throated Sparrow, 5; Song Sparrow, 16. **Total,** 30 species; about 1392 individuals.—Emily Grimm, Forrest C. Grimm (compiler), Mrs. John Grimm, Robert E. Ogren.

143. Clairton, Pa. (all points within a 15-mile diameter circle, center same as in previous years).—Jan. 2; 7:30 a.m. to 5 p.m. Drizzle a.m., hazy p.m.; temp. 34° to 46°; wind S, under 1 m.p.h.; ground bare, streams and ponds open. Two observers in 1 party. Total party-hours, 9½; total party-miles, 9 (all on foot). ► Cooper's Hawk, 1; Sparrow Hawk, 1; Ring-necked Pheasant, 8; Hairy Woodpecker, 1; Downy Woodpecker, 5; Common Crow, 5; Black-capped Chickadee, 3; Tufted Titmouse, 2; Carolina Wren, 3; Robin, 1; Starling, 49; House Sparrow, 9; Cardinal, 8; Slate-colored Junco, 5; Tree Sparrow, 15; Song Sparrow, 6. **Total,** 16 species; about 122 individuals.—Ellis H. Shimp (compiler), Hattie P. Shimp.

144. Clarksville, Pa. (all points within a 15-mile diameter circle, center Bell Farm 1 mile north of Jefferson; urban area 2%, open farmland 35%, marshy farmland 1%, deciduous woodland 52%, brushland 10%).—Jan. 2; 6:30 a.m. to 5 p.m. Cloudy, trace of rain; temp. 22° to 47°; no wind; streams open. Nine observers in 6 parties. Total party-hours, 41 (31 on foot, 10 by car); total party-miles, 60 (10 on foot, 50 by car). ► Mallard, 3; Sharp-shinned Hawk, 1; Red-tailed Hawk, 2; Sparrow Hawk, 4; Ring-necked Pheasant, 6; Killdeer, 11; Mourning Dove, 32; Barn Owl, 1; Screech Owl, 1; Great Horned Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 4; Pileated Woodpecker, 4; Red-bellied Woodpecker, 3; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 17; Horned Lark, 16; Blue Jay, 5; Common Crow, 299; Black-capped Chickadee, 70; Carolina Chickadee, 20; Tufted Titmouse, 47; White-breasted Nuthatch, 7; Brown Creeper, 1; Carolina Wren, 18; Mockingbird, 2; Robin, 57; Eastern

Bluebird, 4; Golden-crowned Kinglet, 3; Cedar Waxwing, 8; Northern Shrike, 1; Starling, 368; House Sparrow, 227; Eastern Meadowlark, 1; Rusty Blackbird, 1; Cardinal, 78; Evening Grosbeak, 4; Purple Finch, 7; Am. Goldfinch, 2; Slate-colored Junco, 56; Tree Sparrow, 47; Field Sparrow, 3; White-crowned Sparrow, 1; White-throated Sparrow, 3; Swamp Sparrow, 1; Song Sparrow, 35. **Total,** 47 species; about 1488 individuals. (Seen in area count period, but not on count day: Cooper's Hawk, Ruffed Grouse, Red-winged Blackbird.)—David Bell, Ralph K. Bell (compiler), W. Conneybeer, Mr. and Mrs. Orville Dayton, Frank Kormuth, Ralph Horn, John Tuckish, Harry Weaver.

145. Dallas, Pa. (all points within a 15-mile diameter circle, center Huntsville Reservoir, including Susquehanna River from Forty Fort to West Nanticoke, also Harveys Lake, Dallas, Lehman, Jackson; farmland 25%, deciduous woodland 20%, mixed conifers and hardwood 20%, hemlock and pine 15%, lakes and river 20%).—Dec. 26; 4 a.m. to 8:30 p.m. Cloudy with snow and rain; temp. 22° to 40°; wind SE, 4 m.p.h.; ground snow-covered, lakes frozen except Harveys. Six observers in 4 parties. Total party-hours, 48 (34 on foot, 14 by car); total party-miles, 82 (33 on foot, 49 by car). ► Mallard, 21; Black Duck, 169; Common Goldeneye, 2; Common Merganser, 4; Red-tailed Hawk, 1; Sparrow Hawk, 1; Ruffed Grouse, 3; Ring-necked Pheasant, 1; Screech Owl, 2; Great Horned Owl, 14; Pileated Woodpecker, 2; Hairy Woodpecker, 12; Downy Woodpecker, 32; Horned Lark, 50; Blue Jay, 31; Common Crow, 27; Black-capped Chickadee, 96; Tufted Titmouse, 11; White-breasted Nuthatch, 27; Red-breasted Nuthatch, 2; Brown Creeper, 3; Carolina Wren, 3; Robin, 2; Golden-crowned Kinglet, 10; Cedar Waxwing, 5; Northern Shrike, 1; Starling, 191; House Sparrow, 161; Eastern Meadowlark, 43; Cardinal, 37; Evening Grosbeak, 97; Purple Finch, 8; Common Redpoll, 4; Pine Siskin, 3; Am. Goldfinch, 21; Rufous-sided Towhee, 1; Slate-colored Junco, 53; Tree Sparrow, 152; Field Sparrow, 1; White-throated Sparrow, 4; Song Sparrow, 32; Snow Bunting, 15. **Total,** 42 species; about 1355 individuals. (Seen in area count period, but not on count day: Herring Gull.)—Terry Baltimore, George Deisher, William Evans, Frank Jackson, Edwin Johnson (compiler), William Reid (Back Mountain Bird Club).

146. Elverson, Pa. (all points within a 15-mile diameter circle, center in Marsh as in previous years).—Jan. 1; 5 a.m. to 5 p.m. Clear; temp. 25° to 40°; wind NW, 2-5 m.p.h.; ground bare, ponds and streams open. Fifteen observers in 6 parties. Total party-hours, 62 (40 on foot, 22 by car); total party-miles, 372 (32 on foot, 340 by car). ► Great Blue Heron, 1; Canada Goose, 238; Mallard, 315; Black Duck, 82; Pintail, 1; Green-winged Teal, 4; Canvasback, 4; Cooper's Hawk, 1; Red-tailed Hawk, 39; Red-shouldered Hawk, 4; Rough-legged Hawk, 3; Marsh Hawk, 2; Sparrow Hawk, 21; Ruffed Grouse, 3; Ring-necked Pheasant, 101; Killdeer, 9; Common Snipe, 7; Mourning Dove, 85; Barn Owl, 1; Screech Owl, 1; Great Horned Owl, 6; Long-eared Owl, 4; Belted Kingfisher, 1; Yellow-shafted Flicker, 8; Red-bellied Woodpecker, 7; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 20; Downy Woodpecker, 119; Horned Lark, 14; Blue Jay, 152; Common Crow, 938; Black-capped Chickadee, 141; Carolina Chickadee, 9; Tufted Titmouse, 133; White-breasted Nuthatch, 77; Red-breasted Nuthatch, 4; Brown Creeper, 9; Winter Wren, 2; Carolina Wren, 12; Mockingbird, 22; Robin, 23; Eastern Bluebird, 8; Golden-crowned Kinglet, 14; Ruby-crowned Kinglet, 2; Starling, 2258; Myrtle Warbler, 2; House Sparrow, 858; Eastern Meadowlark, 168; Redwinged Blackbird, 255; Rusty Blackbird, 2; Common Grackle, 2; Brown-headed Cowbird, 3; Cardinal, 111; Evening Grosbeak, 77; Purple Finch, 62; Pine Siskin, 2; Am. Goldfinch, 92; Rufous-sided Towhee, 1; Vesper Sparrow, 3; Slate-colored Junco, 639; Tree Sparrow, 272; Field Sparrow, 14; White-throated Sparrow, 192; Fox Sparrow, 1; Swamp Sparrow, 3; Song Sparrow, 179. **Total,** 66 species; about 7844 individuals.—Mrs. C. K. Bryan, Rodney Clingaman, Robert E. Cook (compiler), Warren Faust, John and Sarah Frankenfield, Robert and Esther Gorden, Phyllis Hurlock, Beryl Hurlock, Phyllis Kitchin, Thornton Kline, Matthew Spence, Edward P. Street, Ira Weigley (Elverson Bird Club and friends).

147. Glenolden, Pa. (all points within a 15-mile diameter circle, center Wallingford as in previous years, including Tinicum Wildlife Preserve; marsh 30%, deciduous woodland 25%, pine woods 10%, town suburbs 10%, water 10%, uncultivated fields 10%, farmland 5%).—Dec. 26; 3 a.m. to 5 p.m. Fog, heavy over Delaware River; temp. 30° to 40°; no wind; water open. Eighteen observers in 10 parties. Total party-hours, 86 (42 on foot, 44 by car); total party-miles, 379 (49 on foot, 330 by car). ► Common Loon, 1; Pied-billed Grebe, 2; Great Blue Heron, 24; Black-crowned Night Heron, 1; Canada Goose, 73; Mallard, 174; Black Duck, 1783; Pintail, 3040; Green-winged Teal, 185; Am. Widgeon, 2; Wood Duck, 1; Ring-necked Duck, 1; Common Goldeneye, 1; Bufflehead, 2; Ruddy Duck, 1828; Common Merganser, 11; Red-breasted Merganser, 6; Sharp-shinned Hawk, 1; Red-tailed Hawk, 24; Red-shouldered Hawk, 6; Marsh Hawk, 23; Peregrine Falcon, 2; Sparrow Hawk, 32; Ring-necked Pheasant, 41; Am. Coot, 2; **Common Gallinule, 1** (J.C.M.); Killdeer, 21; Common Snipe, 31; Great Black-backed Gull, 21; Herring Gull, 623; Ring-billed Gull, 180; Mourning Dove, 85; Barn Owl, 2; Screech Owl, 41; Great Horned Owl, **8**; Short-eared Owl, 8; Saw-whet Owl, 3; Belted Kingfisher, 11; Yellow-shafted Flicker, 10; Red-bellied Woodpecker, 1; **Red-headed Woodpecker, 1**; Hairy Woodpecker, 19; Downy Woodpecker, 78; Eastern Phoebe, 1; Horned Lark, 31; Blue Jay, 108; Common Crow, 180; Fish Crow, 3; Black-capped Chickadee, 88; Carolina Chickadee, 98; Tufted Titmouse, 100; White-breasted Nuthatch, 28; Red-breasted Nuthatch, 6; Brown Creeper, 6; House Wren, 2; Winter Wren, 21; Carolina Wren, 53; Long-billed Marsh Wren, 4; Mockingbird, 37; Catbird, 3; Robin, 74; Hermit Thrush, 6; Eastern Bluebird, 3; Golden-crowned Kinglet, 8; Ruby-crowned Kinglet, 2; Water Pipit, 3; Cedar Waxwing, 8; Starling, 7185; Myrtle Warbler, 1; **Palm Warbler, 3** (2 parties);

Yellowthroat, 1; House Sparrow, 413; Eastern Meadowlark, 34; Redwinged Blackbird, 199; Rusty Blackbird, 3; Common Grackle, 4; Brown-headed Cowbird, 96; Cardinal, 159; Evening Grosbeak, 7; Purple Finch, 49; House Finch, 1; **Common Redpoll, 2**; Pine Siskin, 11; Am. Goldfinch, 925; Rufous-sided Towhee, 2; Savannah Sparrow, 46; Vesper Sparrow, 2; Slate-colored Junco, 926; Tree Sparrow, 885; Field Sparrow, 167; White-crowned Sparrow, **60**; White-throated Sparrow, 2911; Fox Sparrow, 156; **Lincoln's Sparrow, 1** (carefully identified by 3 observers familiar with species); Swamp Sparrow, 294; Song Sparrow, 1842; Lapland Longspur, 1; Snow Bunting, 22. **Total,** 98 species; about 25,691 individuals. (Seen in area count period, but not on count day: Blue-winged Teal, Shoveler, Lesser Scaup, Bald Eagle, **Blue-gray Gnatcatcher, Oregon Junco,** Chipping Sparrow.)—C. W. Carter, F. P. Corbett, C. W. Craig, David Cutler, Herbert Cutler, Ronald French, Mabel Gillespie, John Gillespie, Frank Hamilton, E. Wayne Marshall, Fred Mears, John C. Miller, R. J. Miller, C. E. Price, Jr., Richard Quinn, Edward H. Rigby (compiler), E. H. Rigby, 3rd., Paul Schwalbe (Delaware Valley Ornithological Club).

148. Harrisburg, Pa. (all points within a 15-mile diameter circle, center in Camp Hill as in previous years; mixed woodland 45%, open fields 15%, creeks and river 25%, ponds and marshes 10%, pine woods 5%).—Dec. 26; 6:30 a.m. to 5:30 p.m. Cloudy, poor visibility; temp. 27° to 38°; wind W, 1-3 m.p.h.; light snow cover, creeks and river open. Fourteen observers in 5 parties. Total party-hours, 33 (15 on foot, 18 by car); total party-miles, 218 (20 on foot, 198 by car). ► Mallard, 200; Black Duck, 197; Pintail, 17; Am. Widgeon, 10; Canvasback, 1; Greater Scaup, 3; Common Goldeneye, 64; Bufflehead, 10; Common Merganser, 37; Red-breasted Merganser, 3; Sparrow Hawk, 6; Bobwhite, 16; Ring-necked Pheasant, 36; Killdeer, 34; Common Snipe, 2; Herring Gull, 24; Ring-billed Gull, 3; Mourning Dove, 84; Belted Kingfisher, 5; Yellow-shafted Flicker, 1; Pileated Woodpecker, 2; Downy Woodpecker, 38; Blue Jay, 28; Common Crow, 181; Fish Crow, 1; Black-capped Chickadee, 88; Tufted Titmouse, 29; White-breasted Nuthatch, 27; Brown Creeper, 6; Winter Wren, 2; Carolina Wren, 17; Mockingbird, 20; Catbird, 1; Robin, 1; Golden-crowned Kinglet, 10; Water Pipit, 5; Starling, 2764; House Sparrow, 502; Eastern Meadowlark, 13; Rusty Blackbird, 25; Common Grackle, 2; Cardinal, 81; Am. Goldfinch, 65; Rufous-sided Towhee, 10; Slate-colored Junco, 196; Tree Sparrow, 75; Field Sparrow, 5; White-throated Sparrow, 28; Song Sparrow, 40. **Total,** 49 species; about 5015 individuals.—David Clark, Mr. and Mrs. Donald Clark, George Fox, Anna Guarino, Kenneth Hoover, D. L. Knohr (compiler), Elsie Knohr, Helen Krause, Anne Kutz, Richard Kutz, A. N. Metcalfe, Ralph Seiders, Joseph Snow.

149. Lancaster, Pa. (all points within a 15-mile diameter circle, center at southwest corner of Millersville, including middle and lower Conestoga River valley, Lancaster suburbs and parks, Lake Grubb, Susquehanna River from Columbia to Pequea; conifer plantings 5%, farmland 20%, pastures 20%, suburbs and parks 10%, streams and ponds 20%, light woodland 20%, heavy woodland 5%).—Dec. 26; 7:30 a.m. to 4:30 p.m. Overcast; temp. 31° to 42°; wind E, 2 m.p.h.; ponds and streams frozen, light snow on ground. Twenty-one observers in 6 parties. Total party-hours, 41 (30 on foot, 11 by car); total party-miles, 155 (30 on foot, 125 by car). ► Mallard, 996; Black Duck, 506; Am. Widgeon, 25; Common Merganser, 10; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 2; Bald Eagle, 1; Sparrow Hawk, 8; Ruffed Grouse, 1; Ring-necked Pheasant, 35; Killdeer, 7; **Common Snipe,** 1; Herring Gull, 15; Ring-billed Gull, 39; Mourning Dove, 129; Barn Owl, 2; Screech Owl, 1; Belted Kingfisher, 9; Yellow-shafted Flicker, 5; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 43; Horned Lark, 460; Blue Jay, 28; Common Crow, 253; Fish Crow, 83; Black-capped Chickadee, 60; Tufted Titmouse, 71; White-breasted Nuthatch, 39; Red-breasted Nuthatch, 3; Brown Creeper, 3; Winter Wren, 3; Carolina Wren, 14; Mockingbird, 10; Golden-crowned Kinglet, 10; Starling, 1376; House Sparrow, 876; Eastern Meadowlark, 25; Common Grackle, 1; Brown-headed Cowbird, 1; Cardinal, 169; Purple Finch, 6; Am. Goldfinch, 22; Slate-colored Junco, 296; Tree Sparrow, 10; Field Sparrow, 6; **White-crowned Sparrow, 15**; White-throated Sparrow, 667; Song Sparrow, 101; Lapland Longspur, 2; Snow Bunting, 6. **Total,** 53 species; about 6459 individuals.—Carl Bostrom, Henry Brown, Richard Eyde, Carl Fasnacht, C. Boyd Griffiths, Lloyd V. Hassell, Mary Grace Helm, Marshall Hemphill, John Maddox, James McMullin, John W. Price, Mrs. E. A. Shellenberger, Richard Sheppard, Phillips Shively, Robert W. Stevenson, Charles Tanger, Jr., William Tawzer (compiler), Mr. and Mrs. James L. Weaver, H. Ray Woerner, William Yeager.

150. Lewisburg, Pa. (all points within a 15-mile diameter circle, center same as last year; mixed woodland 25%, mountain woodland 15%, farmland 40%, river and creek bank 10%, cattail marsh 5%, suburb 5%).—Jan. 3; 5:30 a.m. to 5 p.m. Rain, clearing later; temp. 35° to 40°; wind NW, 10 m.p.h.; river, ponds and streams open, water high. Nine observers in 6 parties. Total party-hours, 31 (27 on foot, 4 by car); total party-miles, 115 (15 on foot, 100 by car). ► Common Loon, 1; Horned Grebe, 2; Pied-billed Grebe, 1; Mallard, 38; Black Duck, 39; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 9; Ruffed Grouse, 5; Bobwhite, 31; Ring-necked Pheasant, 51; Turkey, 7; Killdeer, 5; Herring Gull, 2; Mourning Dove, 19; Barn Owl, 1; Screech Owl, 1; Great Horned Owl, 2; Short-eared Owl, 2; Belted Kingfisher, 2; Yellow-shafted Flicker, 2; Pileated Woodpecker, 5; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 12; Downy Woodpecker, 35; Horned Lark, 32; Blue Jay, 12; Common Raven, 3; Common Crow, 3109; Fish Crow, 1; Black-capped Chickadee, 136; Tufted Titmouse, 66; White-breasted Nuthatch, 44; Red-breasted Nuthatch, 16; Brown Creeper, 7; Winter Wren, 2; Carolina Wren, 7; Mockingbird, 4; Robin, 6; Golden-crowned Kinglet,

5; Ruby-crowned Kinglet, 1; Cedar Waxwing, 1; Northern Shrike, 2; Starling, 625; House Sparrow, 135; Eastern Meadowlark, 15; Redwinged Blackbird, 37; Brown-headed Cowbird, 27; Cardinal, 82; Evening Grosbeak, 329; Purple Finch, 12; Pine Grosbeak, 13; Pine Siskin, 25; Am. Goldfinch, 42; Slate-colored Junco, 90; Tree Sparrow, 280; Field Sparrow, 3; White-crowned Sparrow, 1; White-throated Sparrow, 2; Fox Sparrow, 2; Swamp Sparrow, 1; Song Sparrow, 13. **Total,** 65 species; about 5468 individuals. —Robert W. Gravell, Mrs. Philip Harriman, Robert Holman, Mrs. Harriet MacIntyre, Mrs. Geraldine McLaren, Richard N. Nickelsen, Mrs. Betty Reich, Herman Reich, Hollis T. Ross (compiler) (Bucknell Ornithological Club).

151. Linesville, Pa. (all points within a 15-mile diameter circle, center 2 miles southeast of Linesville, including Conneaut Lake, Hartstown, Pymatuning Reservoir including part of Ohio shore; swamp 40%, lake shore 20%, mixed woods 20%, open fields 15%, towns 5%).—Dec. 26; 7:30 a.m. to 4 p.m. Dense fog all day, drizzle; temp. 39° to 46°; no wind; lakes and streams largely frozen, some snow on ground. Nine observers in 4 parties. Total party-hours, 32 (23 on foot, 9 by car); total party-miles, 175 (25 on foot, 150 by car). ► **Great Blue Heron, 2** (first count record in 13 years); Whistling Swan, 1; Canada Goose, 1026; Mallard, **629**; Black Duck, 22; Pintail, 1; Common Goldeneye, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 2; Sparrow Hawk, 2; Ruffed Grouse, 3; Bobwhite, 1; Ring-necked Pheasant, 22; Ring-billed Gull, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 5; Pileated Woodpecker, 3; **Yellow-bellied Sapsucker, 1** (seen well); Hairy Woodpecker, 5; Downy Woodpecker, 41; Horned Lark, 8; Blue Jay, 29; Black-capped Chickadee, 178; Tufted Titmouse, 10; White-breasted Nuthatch, 26; Red-breasted Nuthatch, 2; Brown Creeper, 11; Winter Wren, 1; Carolina Wren, 1; **Long-billed Marsh Wren, 1** (J.W.); Robin, 4; Golden-crowned Kinglet, 13; Cedar Waxwing, 51; Starling, 57; House Sparrow, 166; Redwinged Blackbird, 14; Cardinal, **67**; Evening Grosbeak, 7; Pine Siskin, 28; Am. Goldfinch, 21; Slate-colored Junco, 37; Tree Sparrow, **533**; **White-throated Sparrow, 2** (at feeder); Swamp Sparrow, 7; Song Sparrow, 37; Snow Bunting, 2. **Total,** 46 species; about 3084 individuals. (Seen in area count period, but not on count day: Bald Eagle.)—Sara Flaugh, Marguerite Geibel, Martha Himrod, Mary Leberman, Robert C. Leberman (compiler), Ronald F. Leberman, James Stull, Jean Stull, Jack Wykoff (Meadville Bird and Tree Club).

152. Lititz, Pa. (all points within a 15-mile diameter circle, center Lititz, including Hammer Creek Valley, White Oak Pond; town suburb 10%, deciduous farm woodlots 30%, farm and pasture 60%).—Jan. 3; 6:30 a.m. to 5 p.m. Clearing; temp. 45° to 42°; wind NW, 25-35 m.p.h.; creeks and ponds flooded. Four observers in 2 parties. Total party-hours, 18 (15 on foot, 3 by car); total party-miles, 33 (15 on foot, 18 by car). ► Canada Goose, 10; Mallard, 730; Black Duck, 37; Green-winged Teal, 1; Turkey Vulture, 13; Cooper's Hawk, 1; Red-tailed Hawk, 6; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 9; Ruffed Grouse, 2; Ring-necked Pheasant, 82; Turkey, 2; Killdeer, 2; Common Snipe, 1; Mourning Dove, 54; Barn Owl, 2; Screech Owl, 2; Belted Kingfisher, 2; Yellow-shafted Flicker, 8; Pileated Woodpecker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 25; Horned Lark, 42; Blue Jay, 51; Common Crow, 2400; Black-capped Chickadee, 55; Tufted Titmouse, 34; White-breasted Nuthatch, 15; Red-breasted Nuthatch, 4; Brown Creeper, 2; Winter Wren, 2; Carolina Wren, 5; Mockingbird, **23**; Robin, 6; Eastern Bluebird, 6; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 3; Cedar Waxwing, 12; Starling, 26,150 (roost); Myrtle Warbler, 7; House Sparrow, 1600; Eastern Meadowlark, 5; Common Grackle, 6500 (roost); Brown-headed Cowbird, **5000** (roost); Cardinal, 52; Evening Grosbeak, 6; Purple Finch, 5; Pine Siskin, 3; Am. Goldfinch, 30; Slate-colored Junco, 285; Tree Sparrow, 90; Field Sparrow, 10; White-crowned Sparrow, **163**; White-throated Sparrow, 92; Song Sparrow, 77. **Total,** 57 species; about 43,735 individuals.—Ford Gocheraur, Charles Regennas, John Witmyer, Barton L. Sharp (compiler) (Lititz Bird Club).

153. Lower Bucks County, Pa. (all points within a 15-mile diameter circle, center Fairless Junction 1 mile east of Langhorne as last year; open farmland 20%, town suburbs 5%, evergreen and deciduous woodlands 35%, brush-grown fields 35%, Penn Manor Lakes and Ironworks Reservoir 5%).—Dec. 26; 5 a.m. to 4 p.m. Early fog, then overcast; temp. 24° to 45°; wind W, 0-4 m.p.h.; ground snow-covered, lakes and streams partially frozen. Seventeen observers in 7 parties. Total party-hours, 41 (25 on foot, 16 by car); total party-miles, 140 (23 on foot, 117 by car). ► Horned Grebe, 2; Pied-billed Grebe, 1; Great Blue Heron, 2; Canada Goose, 7; Mallard, 553; Black Duck, 204; Pintail, 201; Am. Widgeon, 110; Shoveler, 8; Ring-necked Duck, 2; Lesser Scaup, 2; Common Goldeneye, 2; Bufflehead, 1; Common Merganser, 200; Cooper's Hawk, 3; Red-tailed Hawk, 5; Red-shouldered Hawk, 5; Marsh Hawk, 3; Sparrow Hawk, 11; Bobwhite, 14; Ring-necked Pheasant, 60; Am. Coot, 45; Killdeer, 3; Great Black-backed Gull, 15; Herring Gull, 1007; Ring-billed Gull, 301; Mourning Dove, 505; Screech Owl, 3; Great Horned Owl, 1; Barred Owl, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 12; Hairy Woodpecker, 6; Downy Woodpecker, 60; Horned Lark, 364; Blue Jay, 65; Common Crow, 641; Fish Crow, 6; Black-capped Chickadee, 74; Carolina Chickadee, 73; Tufted Titmouse, 39; White-breasted Nuthatch, 23; Red-breasted Nuthatch, 1;. Brown Creeper, 4; Winter Wren, 1; Carolina Wren, 17; Mockingbird, **28**; Catbird, 1; Robin, 32; **Wood Thrush, 1** (reddish head, gray tail, large breast spots seen well); Hermit Thrush, 1; Eastern Bluebird, 9; Golden-crowned Kinglet, 4; Cedar Waxwing, 37; Starling, 1629; Myrtle Warbler, 1; House Sparrow, 480; Eastern Meadowlark, 36; Redwinged Blackbird, 2; Common Grackle, 33; Brown-headed Cowbird, 35; Cardinal, 62; Purple Finch, 26; Pine Siskin, 12; Am. Goldfinch, 81; Rufous-sided Towhee, 8; Savannah Sparrow, 4; Vesper Sparrow, 6; Slated-colored Junco, 600;

Tree Sparrow, 106; Field Sparrow, 68; White-throated Sparrow, 490; Fox Sparrow, 3; Swamp Sparrow, 1; Song Sparrow, 155; Snow Bunting, 351. **Total,** 76 species; about 8968 individuals. (Seen in area count period, but not on count day: Am. Bittern, House Finch.)—Kenneth Bergstrom, Alan Brady, Howard Clark, O. H. Coles, William Henzler, Adolph Herzog (compiler), Florence Herzog, A. Kronschnabel, Louis McConnell, Ida McConnell, Martin Michener, Dale Miller, Edward Reimann, W. Reynolds, Robert Sehl, Louis Sterner, Lester Thomas, Elizabeth Thomas (Neshaminy Valley Nature Club).

154. **New Bloomfield, Pa.** (all points within a 15-mile diameter circle, center town square as in previous 10 years).—Dec. 27; 5 a.m. to 4 p.m. Overcast; temp. 35° to 55°; wind SW, 3 m.p.h.; smaller ponds frozen. Nine observers in 3 parties. Total party-hours, 23 (16 on foot, 7 by car); total party-miles, 167 (27 on foot, 140 by car). ► Mallard, 5; Black Duck, 7; Common Goldeneye, 77; Bufflehead, 20; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 2; Ruffed Grouse, 4; Bobwhite, 15; Ring-necked Pheasant, 2; Killdeer, 8; Common Snipe, 3; Mourning Dove, 5; Screech Owl, 3; Great Horned Owl, 7; Belted Kingfisher, 5; Yellow-shafted Flicker, 6; Pileated Woodpecker, 4; Hairy Woodpecker, 2; Downy Woodpecker, 56; Horned Lark, 5; Blue Jay, 155; Common Crow, 361; Black-capped Chickadee, 98; Tufted Titmouse, 94; White-breasted Nuthatch, 50; Brown Creeper, 1; Winter Wren, 5; Carolina Wren, 19; Mockingbird, 4; Robin, 6; Eastern Bluebird, 6; Golden-crowned Kinglet, 3; Cedar Waxwing, 9; Starling, 1050; Myrtle Warbler, 5; House Sparrow, 640; Eastern Meadowlark, 5; Common Grackle, 4; Cardinal, 215; Evening Grosbeak, 11; Am. Goldfinch, 202; Rufous-sided Towhee, 3; Slate-colored Junco, 241; Tree Sparrow, 85; Field Sparrow, 25; White-throated Sparrow, 45; Song Sparrow, 32. **Total,** 50 species; about 3616 individuals.—Ross Bretz, Frank Fry, Donald Mitchell, Leroy Myers, John Soule, O. K. Stephenson (compiler), James Taylor, James H. Tressler, Frank E. Tressler.

155. **Pennsburg, Pa.** (all points within a 15-mile diameter circle, center at Frederick; recently established Green Lane Reservoir entirely within area; deciduous woodlands 17%, deciduous woodlands interspersed with cedar 8%, residential 10%, reservoir, creeks and river 15%, farmland 50%).—Jan. 2; 7:30 a.m. to 4:30 p.m. Clear a.m., cloudy p.m.; temp. 19° to 38°; wind SE, 5-10 m.p.h.; ground bare, reservoir mostly frozen. Two observers in 1 party. Total party-hours, 9 (1 on foot, 8 by car); total party-miles, 93 (1 on foot, 92 by car). ► Great Blue Heron, 1; Mallard, 130; Black Duck, 20; Common Merganser, 4; Red-tailed Hawk, 4; Sparrow Hawk, 7; Ring-necked Pheasant, 7; Killdeer, 3; Mourning Dove, 30; **Short-eared Owl, 1** (carefully studied); Belted Kingfisher, 3; Yellow-shafted Flicker, 9; Hairy Woodpecker, 2; Downy Woodpecker, 11; Blue Jay, 2; Common Crow, 125; Black-capped Chickadee, 31; Tufted Titmouse, 12; White-breasted Nuthatch, 12; Brown Creeper, 2; Carolina Wren, 1; Mockingbird, 4; Eastern Bluebird, 4; Golden-crowned Kinglet, 6; Starling, 250; Myrtle Warbler, 3; House Sparrow, 215; Eastern Meadowlark, 3; Common Grackle, 2; Cardinal, 23; Purple Finch, 3; Am. Goldfinch, 8; Slate-colored Junco, 110; Tree Sparrow, 75; White-throated Sparrow, 13; Song Sparrow, 8. **Total,** 36 species; about 1144 individuals.—Eunice Schafer, Walter A. Thurber (compiler).

156. **Pennypack Valley, Pa.** (all points within a 15-mile diameter circle, center so as to include Pennypack Valley from Delaware River to Paper Mill Station).—Dec. 26; 7 a.m. to 3:30 p.m. Cloudy, some fog; temp. 28° to 35°; wind SE, 3-5 m.p.h. Seventeen observers in 3 parties. Total party-hours, 17 (11 on foot, 6 by car); total party-miles, 15 (5 on foot, 10 by car). ► Great Blue Heron, 2; Mallard, 17; Black Duck, 1; Pintail, 1; Am. Widgeon, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 5; Marsh Hawk, 1; Sparrow Hawk, 15; Ring-necked Pheasant, 18; Killdeer, 1; Herring Gull, 179; Ring-billed Gull, 21; Mourning Dove, 87; Yellow-shafted Flicker, 5; Hairy Woodpecker, 1; Downy Woodpecker, 44; Horned Lark, 11; Blue Jay, 18; Common Crow, 248; Black-capped Chickadee, 88; Carolina Chickadee, 7; Tufted Titmouse, 56; White-breasted Nuthatch, 19; Red-breasted Nuthatch, 1; Brown Creeper, 1; Winter Wren, 5; Carolina Wren, 14; Mockingbird, 10; Catbird, 1; Robin, 3; Hermit Thrush, 1; Eastern Bluebird, 15; Starling, 859; House Sparrow, 129; Eastern Meadowlark, 15; Redwinged Blackbird, 3; Cardinal, 44; Purple Finch, 17; House Finch, 2; Pine Grosbeak, 1; Am. Goldfinch, 3; Rufous-sided Towhee, 1; Slate-colored Junco, 325; Tree Sparrow, 30; Field Sparrow, 12; White-throated Sparrow, 224; Swamp Sparrow, 3; Song Sparrow, 85. **Total,** 49 species; about 2651 individuals.—Mr. Allendorf, Helen Brower, Mrs. G. R. Burrell, Betty Diehl, C. Edner, Thomas Flavell, Mr. and Mrs. Fred Gotwals, A. F. Leedom (compiler), John T. McNeill, Jr., Frances H. Perrine, Hilda Rausenberger, Viola Rausenberger, Edith Scofield, John Shemeld, Richard Sivel, Paul Weirich.

157. **Pittsburgh, Pa.** (all points within a 15-mile diameter circle, center 2½ miles NE of Riverview Park, including Emsworth, Ben Avon, Fox Chapel, Frick Park, Glenshaw, Highland Park, Mt. Lebanon, Dormont, North Park, Riverview Park, Schenley Park, Schlag's Farm, Thornburg; deciduous woodland 61%, coniferous woodland 1%, brushland 16%, field 14%, marshland 1%, lakes and reservoirs 3%, urban areas 4%).—Dec. 26; 7:10 a.m. to 5:35 p.m. Overcast and foggy, intermittent drizzle; temp. 54° to 37°; wind SW, 6 m.p.h. Twenty-five observers in 11 parties. Total party-hours, 59 (44 on foot, 15 by car); total party-miles, 152 (43 on foot, 109 by car). ► Canada Goose, 1; Mallard, 306; Black Duck, 5; Common Goldeneye, 61; Sharp-shinned Hawk, 1; Ruffed Grouse, 1; Ring-necked Pheasant, 34; Turkey, 1; Mourning Dove, 6; Great Horned Owl, 1; Belted Kingfisher, 2; Pileated Woodpecker, 1; Hairy Woodpecker, 13; Downy Woodpecker, 55; Horned Lark, 6; Blue Jay, 17; Common Crow, 38; Black-capped Chickadee, 145; Tufted Titmouse, 142; White-breasted Nuthatch, 70; Red-breasted Nuthatch, 1; Brown Creeper, 7; Carolina Wren, 7; Robin, 378;

Golden-crowned Kinglet, 3; Starling, 331; House Sparrow, 368; Cardinal, 221; Am. Goldfinch, 24; Rufous-sided Towhee, 1; Slate-colored Junco, 235; Tree Sparrow, 71; Field Sparrow, **26**; White-throated Sparrow, 11; **Fox Sparrow, 1**; Song Sparrow, 59. **Total,** 36 species; about 2650 individuals. (Seen in area count period, but not on count day: Am. Widgeon, Cooper's Hawk, Red-tailed Hawk, Red-shouldered Hawk, Screech Owl, Saw-whet Owl, Yellow-shafted Flicker, Winter Wren, Evening Grosbeak.)—Helen Blair, Dick Bollinger, Mrs. Charles Brand, Melanie Campbell, Gerald Felmlee, Beulah Frey, Joseph Grom, Dr. and Mrs. Otto Hammel, David Hart, Leroy Hofmann, John Johnson, Joseph Lester, W. F. Lieb, C. J. Mansmann, Elizabeth McClelland, Keith McClelland, Charles McMurtry, David Miller, Elizabeth Miller, Richard Miller, Sara Schlag, Bernard Van Cleve (compiler), Otto Weiss, Bob Young (Audubon Society of Western Pennsylvania).

158. Presque Isle State Park, Pa. (all points within a 15-mile diameter circle, including park of 3200 acres with 8 miles of sandy beach; ponds and swamps 40%, deciduous woods 30%, dunes 25%, fields 5%).—Jan. 2; 7:30 a.m. to 4:30 p.m. Overcast; temp. 33° to 42°; wind SE, 10-20 m.p.h.; Lake Erie, Erie Bay free of ice, ponds frozen, 1-2-in. snow cover. Seven observers in 3 parties. Total party-hours, 24 (20 on foot, 4 by car); total party-miles, 85 (40 on foot, 45 by car). ► Horned Grebe, 1; Pied-billed Grebe, 3; Great Blue Heron, 23; Whistling Swan, 92; Canada Goose, 21; Mallard, 5; Black Duck, 205; Am. Widgeon, 1; Redhead, 3; Ring-necked Duck, 3; Canvasback, 1323; Lesser Scaup, 3015; Common Goldeneye, 637; Bufflehead, 268; Hooded Merganser, 1; Common Merganser, 12; Red-breasted Merganser, 3; **Goshawk, 1** (carefully identified); Bald Eagle, 1; Sparrow Hawk, 1; Ring-necked Pheasant, 5; Am. Coot, 6; Great Black-backed Gull, **487** (Erie Bay literally filled with gulls; never before have we seen them in such numbers; reason?); Herring Gull, **30,000**; Ring-billed Gull, **170,000**; Bonaparte's Gull, 20; Belted Kingfisher, 2; Yellow-shafted Flicker, 8; Pileated Woodpecker, 2; Red-headed Woodpecker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 33; Blue Jay, 7; Common Crow, 3; Black-capped Chickadee, 59; White-breasted Nuthatch, 11; Red-breasted Nuthatch, 2; Brown Creeper, 1; Carolina Wren, 1; **Mockingbird, 1**; Robin, 3; Golden-crowned Kinglet, 5; Cedar Waxwing, 3; Starling, 62; Myrtle Warbler, 62; House Sparrow, 42; Cardinal, 14; Evening Grosbeak, 5; Pine Siskin, 1; Am. Goldfinch, 5; Slate-colored Junco, 23; Tree Sparrow, 146; Swamp Sparrow, 1; Song Sparrow, 14. **Total,** 54 species; about 206,655 individuals. (Seen in area count period, but not on count day: Cooper's Hawk, Red-tailed Hawk, Tufted Titmouse.)—Ann Brown, Sara Flaugh, D. W. Foulke, Mary Marshall Foulke, Robert C. Leberman, James Stull (compiler), Jean Stull.

159. Reading, Pa. (all points within a 15-mile diameter circle, center 2 miles NE of city to include Birdsboro area and Lake Ontefaunee; deciduous woodland 35%, open farmland 35%, lakes, ponds and streams 20%, pine plantation 10%).—Dec. 27; 7 a.m. to 4 p.m. Heavy fog obliterating lake; temp. 35° to 39°; wind E, 1-5 m.p.h.; 0-4-in. snow cover. Fifteen observers in 5 parties. Total party-hours, 34 (26 on foot, 8 by car); total party-miles, 158 (24 on foot, 134 by car). ► Canada Goose, 10; Black Duck, 1; Am. Widgeon, 4; Red-tailed Hawk, 3; Sparrow Hawk, 5; Bobwhite, 20; Ring-necked Pheasant, 109; Killdeer, 5; Herring Gull, 10; Mourning Dove, 40; Screech Owl, 2; Belted Kingfisher, 5; Yellow-shafted Flicker, 7; Pileated Woodpecker, 1; Hairy Woodpecker, 7; Downy Woodpecker, 65; Horned Lark, 12; Blue Jay, 126; Common Crow, 312; Fish Crow, 4; Black-capped Chickadee, 177; Tufted Titmouse, 63; White-breasted Nuthatch, 57; Red-breasted Nuthatch, 5; Brown Creeper, 4; Winter Wren, 2; Carolina Wren, 11; Mockingbird, 12; Robin, 17; Golden-crowned Kinglet, 1; Ruby-crowned Kinglet, 1; Cedar Waxwing, 12; Northern Shrike, 1; Starling, 1168; Myrtle Warbler, 5; House Sparrow, 699; Eastern Meadowlark, 1; Common Grackle, 1; Brown-headed Cowbird, 5; Cardinal, 109; Evening Grosbeak, 21; Purple Finch, 29; Pine Siskin, 20; Am. Goldfinch, 142; Rufous-sided Towhee, 1; Slate-colored Junco, 640; Tree Sparrow, 127; Field Sparrow, 1; White-crowned Sparrow, 3; White-throated Sparrow, 261; Song Sparrow, 161. **Total,** 51 species; about 4505 individuals. (Seen in area count period, but not on count day: **Snow Goose,** Mallard, Pintail, Common Merganser, Marsh Hawk.)—Margaret Allan, Harold Ash, Roy Boyer, Robert Cook, Luther Epler, Emma Gage (compiler), Samuel Gundy, Warren Kalbach, D. S. LeVan, J. Malik, Paul Martin, W. Miller, C. Schaich, Frances Sharp, Elizabeth Smith, Ira Weigley, Mary York (Baird Ornithological Club).

160. Scranton, Pa. (all points within a 15-mile diameter circle, center Clarks Summit State Hospital as in previous years).—Jan. 2; 8 a.m. to 5 p.m. Cloudy to overcast; temp. 19° to 38°; wind NW, 0-15 m.p.h.; snow patches on ground. Seventeen observers in 6 parties. Total party-hours, 35 (20 on foot, 15 by car); total party-miles, 120 (30 on foot, 90 by car). ► Mallard, 2; Black Duck, 140; Common Merganser, 16; Red-shouldered Hawk, 1; Rough-legged Hawk, 3; Marsh Hawk, 1; Sparrow Hawk, 4; Ruffed Grouse, 4; Ring-necked Pheasant, 3; Mourning Dove, 1; Belted Kingfisher, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 18; Downy Woodpecker, 35; Blue Jay, 22; Common Crow, 110; Black-capped Chickadee, 160; Tufted Titmouse, 22; White-breasted Nuthatch, 42; Red-breasted Nuthatch, 2; Brown Creeper, 4; Carolina Wren, 1; Brown Thrasher, 1; Golden-crowned Kinglet, 8; Cedar Waxwing, 11; Starling, 440; House Sparrow, 350; Eastern Meadowlark, **45** (C.D.); Rusty Blackbird, 4; Cardinal, 52; Evening Grosbeak, 280; Common Redpoll, **207 (4 Greater)**; Pine Siskin, 5; Am. Goldfinch, 165; Slate-colored Junco, 85; Tree Sparrow, 140; Song Sparrow, 6. **Total,** 37 species (1 additional race); about 2392 individuals. (Seen in area count period, but not on count day: Mockingbird, Robin.)—Mrs. Bernard Bergman, Mrs. F. H. Coffin, Mrs. G. L. Colleran, Elizabeth Crellin, Cornelia Davis, William Fredrickson, Mrs. R. B. Harris, Mrs. H. R. Jones, Harold R. Jones (compiler), Mrs. F. C. Kohl, Kenneth Myers,

Mrs. F. J. Platt, Jr., A. L. Rogers, W. E. Speare, David Wharton, Kenneth Widdall, Ed Williams (Scranton Bird Club).

161. **Southeastern Bradford Co., Pa.** (all points within a 15-mile diameter circle, center 3.6 miles north of Wyalusing on Route 6 as last year).—Jan. 1; 5:15 a.m. to 5:45 p.m. Cloudy a.m., clear p.m.; temp. 20° to 38°; wind N, 2-12 m.p.h.; ground bare, Susquehanna River and some streams open. Three observers in 2 parties. Total party-hours, 22 (16 on foot, 6 by car); total party-miles, 119 (15 on foot, 104 by car). ► Mallard, 14; Black Duck, 120; Common Goldeneye, 1; Common Merganser, 97; Cooper's Hawk, 2; Red-tailed Hawk, 2; Rough-legged Hawk, 1; Sparrow Hawk, 2; Mourning Dove, 4; Screech Owl, 3; Great Horned Owl, 15; **Saw-whet Owl, 1**; Belted Kingfisher, 6; Pileated Woodpecker, 2; Hairy Woodpecker, 13; Downy Woodpecker, 19; Blue Jay, 19; Common Crow, 75; Black-capped Chickadee, 82; Tufted Titmouse, 16; White-breasted Nuthatch, 29; **Red-breasted Nuthatch, 1**; Brown Creeper, 12; Winter Wren, 2; Carolina Wren, 5; Golden-crowned Kinglet, 16; Starling, 112; House Sparrow, 20; Red-winged Blackbird, 1; Cardinal, 8; Evening Grosbeak, 6; Purple Finch, 5; Common Redpoll, 2; Am. Goldfinch, 76; **Rufous-sided Towhee, 1**; Slate-colored Junco, 37; Tree Sparrow, 90; Field Sparrow, 2; Song Sparrow, 8; **Snow Bunting, 2. Total,** 40 species; about 929 individuals.—Edwin Johnson, Thomas Morgan, William Reid (compiler).

162. **State College, Pa.** (all points within a 15-mile diameter circle, center at Pine Hall 2 miles west of State College, including Pine Grove Mills, Pennsylvania Furnace, Scotia, the Rock; town and campus 34%, swamps, ponds, streams 18%, fields, fencerows 30%, mixed woodlands 18%).—Dec. 28; 7:30 a.m. to 4:30 p.m. Fog and showers; temp. 37° to 40°; wind N, 1-7 m.p.h.; ground bare, streams open. Fifteen observers in 10 parties. Total party-hours, 32 (24 on foot, 8 by car); total party-miles, 144 (15 on foot, 129 by car). ► Mallard, 140; Black Duck, 2; Pintail, 2; Red-tailed Hawk, 1; Rough-legged Hawk, 3; Marsh Hawk, 4; Sparrow Hawk, 4; Ruffed Grouse, 1; Ring-necked Pheasant, 6; Killdeer, 2; Common Snipe, 1; Mourning Dove, 19; Short-eared Owl, 2; Belted Kingfisher, 1; Pileated Woodpecker, 1; Red-headed Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 14; Horned Lark, 8; Blue Jay, 18; Common Crow, 64; Black-capped Chickadee, 55; Tufted Titmouse, 26; White-breasted Nuthatch, 19; Red-breasted Nuthatch, 1; Brown Creeper, 3; Carolina Wren, 4; Robin, 14; Golden-crowned Kinglet, 4; Cedar Waxwing, 29; Starling, 795; House Sparrow, 870; Cardinal, 40; Evening Grosbeak, 113; Purple Finch, 6; **Common Redpoll, 32**; Am. Goldfinch, 57; Slate-colored Junco, 15; Tree Sparrow, 218; White-throated Sparrow, 3; Song Sparrow, 8. **Total,** 41 species; about 2608 individuals. (Seen in area count period, but not on count day: Catbird.)—Mrs. Margaret Bastuscheck, Alfred Blackadar, Dorothy Bordner, Mr. and Mrs. E. R. Bordner, William S. Clarke, Jr. (compiler), Joseph H. Hummer, Mrs. Edna Isenberg, Mrs. Katherine Jones, Mr. and Mrs. P. B. Lovett, Mrs. Eugene T. McDonald, Mrs. Vernon Myers, Mrs. C. J. Rowland, Merrill Wood.

163. **Warren, Pa.** (all points within a 15-mile diameter circle, center Warren as in past 8 years).—Dec. 26; 7:30 a.m. to 4:30 p.m. Overcast, light rain and fog p.m.; temp. 36° to 40°; no wind; light blanket of snow, streams open. Two observers in 1 party. Total party-hours, 9 (6 on foot, 3 by car); total party-miles, 43 (8 on foot, 35 by car). ► Mallard, 2; Black Duck, 38; Common Goldeneye, 11; Sparrow Hawk, 1; Ruffed Grouse, 5; Turkey, 1; Belted Kingfisher, 3; Pileated Woodpecker, 2; Hairy Woodpecker, 7; Downy Woodpecker, 10; Blue Jay, 11; Black-capped Chickadee, 54; White-breasted Nuthatch, 17; Brown Creeper, 1; Golden-crowned Kinglet, 4; Starling, 31; House Sparrow, 61; Cardinal, 18; Evening Grosbeak, 261; Am. Goldfinch, 28; Slate-colored Junco, 42; Tree Sparrow, 15; White-throated Sparrow, 2; Song Sparrow, 5. **Total,** 24 species; about 630 individuals. (Seen in area count period, but not on count day: Sharp-shinned Hawk, Cooper's Hawk, Snow Bunting.)—William Highhouse, Harris E. Johnson (compiler).

164. **Waynesboro, Pa.** (all points within a 15-mile diameter circle, center Mt. Alto).—Jan. 3; 9 a.m. to 5:15 p.m. Partly cloudy; temp. 42° to 35°; wind W, 8-16 m.p.h.; streams open, ground unfrozen. Six observers in 3 parties. Total party-hours, 13 (5 on foot, 8 by car); total party-miles, 84 (4 on foot, 80 by car). ► Turkey Vulture, 50; Red-tailed Hawk, 1; Sparrow Hawk, 2; Ring-necked Pheasant, 1; Killdeer, 5; Mourning Dove, 13; Belted Kingfisher, 1; Hairy Woodpecker, 2; Downy Woodpecker, 7; Horned Lark, 40; Blue Jay, 8; Common Crow, 150; Black-capped Chickadee, 30; Tufted Titmouse, 17; White-breasted Nuthatch, 5; Red-breasted Nuthatch, 2; Mockingbird, 7; Starling, 149; House Sparrow, 216; Eastern Meadowlark, 8; Brown-headed Cowbird, 25; Cardinal, 9; Evening Grosbeak, 38; Slate-colored Junco, 83; Tree Sparrow, 22; Field Sparrow, 15; White-throated Sparrow, 8; Song Sparrow, 1. **Total,** 28 species; about 915 individuals. (Seen in area count period, but not on count day: Carolina Chickadee, Brown Creeper, Carolina Wren, Robin, Golden-crowned Kinglet.)—Mr. and Mrs. Herman Beatty (compilers), Mr. and Mrs. Charles Bender, Mr. and Mrs. Jack E. Keltner.

165. **Wellsboro, Pa.** (all points within a 15-mile diameter circle, center in Wellsboro, covering Ansonia, Catlin Hollow, Hill's Creek, Thumptown, Marsh Creek, Roundtop, suburban Wellsboro; mixed woodland 25%, cultivated land 40%, waste and idle land 15%, stream bank 10%, misc. 10%, 8 feeding stations).—Jan. 1; 7 a.m. to 5 p.m. Clear; temp. 11° to 31°; ground bare, most streams open, lake frozen. Twelve observers in 4 parties. Total party-hours, 23 (8 on foot, 15 by car); total party-miles, 80 (6 on foot, 74 by car). ► Sharp-shinned Hawk, 1; Red-tailed Hawk, 1; Sparrow Hawk, 1; Ruffed Grouse, 1; Ring-necked Pheasant, 1; Belted Kingfisher, 2; Hairy Woodpecker, 7; Downy Woodpecker, 11; Blue Jay, 97; Common Crow, 18; Black-capped Chickadee, 59;

Tufted Titmouse, 5; White-breasted Nuthatch, 14; Red-breasted Nuthatch, 1; Robin, 1; Golden-crowned Kinglet, 2; Cedar Waxwing, 12; Starling, 356; House Sparrow, 275; Brown-headed Cowbird, 13; Cardinal, 13; Evening Grosbeak, 136; Slate-colored Junco, 3; Tree Sparrow, 30; White-throated Sparrow, 1. **Total,** 25 species; about 1061 individuals.—Mr. and Mrs. Tom Bailey, Betty Blair, Florence Buckley, Mrs. C. Farber, William Forsythe, Catherine Harrison, Cathryn Linn, Mrs. Hazel Ridge, Robert Scudder, William Scudder (compiler), Florence Wheeler.

166. West Chester, Pa. (all points within a 15-mile diameter circle, center at West Chester; open farmland 54%, overgrown fields 20%, deciduous woods 19%, evergreen plantings 2%, serpentine barrens 1%, towns and suburbs 4%).—Dec. 26; 7 a.m. to 5:15 p.m. Cloudy and foggy; temp. 32° to 44°; no wind; ground bare, ponds frozen, poor visibility. Fifty-nine observers in 17 parties. Total party-hours, 133 (84 on foot, 49 by car); total party-miles, 634 (92 on foot, 542 by car). ► Pied-billed Grebe, 1; Great Blue Heron, 6; Black-crowned Night Heron, 1; Canada Goose, 159; Mallard, 557; Black Duck, 26; Common Merganser, 25; Cooper's Hawk, 3; Red-tailed Hawk, 34; Red-shouldered Hawk, 4; Sparrow Hawk, 65; Ring-necked Pheasant, 110; Killdeer, 25; Herring Gull, 3; Mourning Dove, **512**; Great Horned Owl, 4; Long-eared Owl, 2; Belted Kingfisher, 21; Yellow-shafted Flicker, 28; Red-bellied Woodpecker, 12; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 28; Downy Woodpecker, 206; **Eastern Phoebe, 1** (by pond since Nov.); Horned Lark, 16; Blue Jay, 273; Common Crow, 1681; Black-capped Chickadee, 231; Carolina Chickadee, 211; Tufted Titmouse, 266; White-breasted Nuthatch, 140; Red-breasted Nuthatch, **12**; Brown Creeper, 19; Winter Wren, 7; Carolina Wren, 31; Mockingbird, 122; Robin, 75; Eastern Bluebird, 52; Golden-crowned Kinglet, 21; Ruby-crowned Kinglet, 11; Water Pipit, 4; Cedar Waxwing, 36; Starling, 5295; House Sparrow, 1440; Eastern Meadowlark, 123; Redwinged Blackbird, 47; **Baltimore Oriole, 1** (present 3 weeks); Rusty Blackbird, 7; Common Grackle, 1; Brown-headed Cowbird, 6; **Western Tanager, 1** (present since Dec. 8—numerous observers); Cardinal, 281; Evening Grosbeak, 25; Purple Finch, **54**; Am. Goldfinch, 398; Rufous-sided Towhee, 3; Vesper Sparrow, 1; Slate-colored Junco, **1905**; Tree Sparrow, 349; Field Sparrow, 8; White-throated Sparrow, **1590**; Fox Sparrow, 4; Swamp Sparrow, 2; Song Sparrow, **461. Total,** 64 species; about 17,044 individuals.—Charles C. Abbott, Mrs. Laura W. Abbott, Mrs. Augustus Behr, Mr. and Mrs. Burdette Bernard, Thomas D. Brown, Mrs. C. R. Bryan, Archie Carson, Robert E. Cook, Paul S. Earley, Mrs. Abner W. Few, Mrs. Helen I. Fletcher, Mr. and Mrs. John S. Frankenfield, Lillian Gest, Margaret S. Goodwin, Dr. and Mrs. Robert B. Gordon, Mrs. Crawford, H. Greenewalt, Mr. and Mrs. Taylor Herron, Edna Hess, Beryl E. Hurlock, Phyllis L. Hurlock (compiler), Mrs. Donald Kitchin, Thornton E. Kline, Mr. and Mrs. James Knox, Gerry Lenhart, Elizabeth Madeira, Viola Messmer, Michael Mill, Mr. and Mrs. George Mohler, Charles E. Mohr, Mrs. Mary Oliver, William Oliver, Mrs. William I. Pendergrast, Pauline Ramstine, Mrs. LeRoy Smith, Edward P. Street, Jr., Mary L. Thomas, William E. Toombs, Mr. and Mrs. Rodman Ward, Ira Weigley, Ann E. Whitcraft, Gordon D. Whitcraft, Mr. and Mrs. E. Shippen Willing, Stephen Wilson (West Chester Bird Club).

167. Wyncote, Pa. (all points within a 15-mile diameter circle, center Brier Bush Bird Sanctuary in Roslyn as in previous years).—Dec. 27; 7 a.m. to 4 p.m. Cloudy, dense fog; temp. 36° to 38°; wind SE, 3-7 m.p.h.; thin dapplings of snow. Fifteen observers in 4 parties. Total party-hours, 29 (26 on foot, 3 by car); total party-miles, 59 (21 on foot, 38 by car). ► Great Blue Heron, 1; Mallard, 107; Black Duck, 4; Sharp-shinned Hawk, 1; Red-shouldered Hawk, 1; Sparrow Hawk, 3; Ring-necked Pheasant, 26; Killdeer, 2; Mourning Dove, 97; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 34; Blue Jay, 33; Common Crow, 202; Black-capped Chickadee, 85; Tufted Titmouse, 68; White-breasted Nuthatch, 42; Red-breasted Nuthatch, 7; Brown Creeper, 2; Winter Wren, 1; Carolina Wren, 6; Mockingbird, 27; Robin, 3; Golden-crowned Kinglet, 2; Starling, 469; Myrtle Warbler, 1; House Sparrow, 116; Common Grackle, 11; Brown-headed Cowbird, 22; Cardinal, 69; Purple Finch, 89; Am. Goldfinch, 41; Rufous-sided Towhee, 4; Slate-colored Junco, 326; Tree Sparrow, 113; Field Sparrow, 14; White-throated Sparrow, 313; Song Sparrow, 23. **Total,** 39 species; about 2371 individuals. (Seen in area count period, but not on count day: Eastern Bluebird, Evening Grosbeak.)—Laura Beale, Bruce Carrick, Mrs. W. Custer, Mrs. Roger and Cynthia Derbyshire, John Dornan, Alice Fasy, Mrs. F. C. Griscom, Dr. and Mrs. C. G. Grosscup, John Kricher, J. A. Lindemann, Fred Mears, E. H. Parry (compiler), Ruth Weber (Wyncote Bird Club).

168. York, Pa. (all points within a 15-mile diameter circle, center 1 mile east of Stony Brook on Route 30, including part of York east to Susquehanna River).—Dec. 27; 8 a.m. to 5 p.m. Cloudy, some rain; temp. 28° to 42°; wind NE, 2 m.p.h.; 1-2-in. snow-cover. Sixteen observers in 8 parties. Total party-hours, 41 (23 on foot, 18 by car); total party-miles, 199 (32 on foot, 167 by car). ► Mallard, 961; Black Duck, 1335; Am. Widgeon, 1; Lesser Scaup, 2; Common Goldeneye, 12; Bufflehead, 2; Common Merganser, 3; Cooper's Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 1; Bobwhite, 13; Ring-necked Pheasant, 49; Killdeer, 1; Herring Gull, 3; Ring-billed Gull, 5; Mourning Dove, 181; Belted Kingfisher, 3; Yellow-shafted Flicker, 15; Pileated Woodpecker, 1; Red-bellied Woodpecker, 4; Hairy Woodpecker, 5; Downy Woodpecker, 55; Eastern Phoebe, 1; Blue Jay, 60; Common Crow, 2568; Fish Crow, 7; Black-capped Chickadee, 61; Carolina Chickadee, 13; Tufted Titmouse, 65; White-breasted Nuthatch, 36; Red-breasted Nuthatch, 4; Brown Creeper, 4; Winter Wren, 3; Carolina Wren, 18; Mockingbird, 33; Robin, 3; Golden-crowned Kinglet, 6; Ruby-crowned Kinglet, 2; Starling, 8791; Myrtle Warbler, 12; House Sparrow, 847; Eastern Meadowlark, 18; Redwinged Blackbird, 6; Common Grackle, 1166;

Brown-headed Cowbird, 1100; Cardinal, 100; Purple Finch, 14; Am. Goldfinch, 20; Rufous-sided Towhee, 7; Slate-colored Junco, 239; Tree Sparrow, 26; Field Sparrow, 5; White-crowned Sparrow, 9; White-throated Sparrow, 272; Fox Sparrow, 1; Swamp Sparrow, 1; Song Sparrow, 71. **Total,** 57 species; about 18,243 individuals. (Seen in area count period, but not on count day: Evening Grosbeak.)—Raymond Bubb, Mrs. Raymond Bubb, Viola Dietz, Mrs. George Dressler, Jacques Falkenstine, Theodore Hake, Mrs. Theodore Hake, E. Ilgenfritz, Mary Neiman, Mrs. Wesley Schmidt, Dorothy Schwartzer, Albert Spiese, James H. Stein (compiler), Elaine Tompkins, Mrs. Louis Williams, Sylvia Yeager, Mrs. J. T. Yoder (York County Bird Club).

169. Bombay Hook National Wildlife Refuge, Del. (all points within a 15-mile diameter circle, center 3½ miles SE of Refuge Headquarters; no airplane coverage as in past years).—Jan. 3; 7 a.m. to 4 p.m. Devastating rain storm; temp. 33° to 44°; wind SE to NE, 20-50 m.p.h.; waters open. Twenty-three observers in 9 parties. Total party-hours, 81 (40 on foot, 41 by car); total party-miles, 560 (60 on foot, 500 by car). ► Red-throated Loon, 1; Horned Grebe, 1; Pied-billed Grebe, 1; Great Blue Heron, 27; **Common Egret, 1**; Black-crowned Night Heron, 8; Am. Bittern, 1; Mute Swan, 1; Whistling Swan, 10; Canada Goose, 17,000; Brant, 10; Snow Goose, 400; Blue Goose, 2; Mallard, 16,000; Black Duck, 11,000; Gadwall, 14; Pintail, 8500; Green-winged Teal, 263; Am. Widgeon, 220; Shoveler, 5; Wood Duck, 3; Redhead, 1; Ring-necked Duck, 1; Canvasback, 2; Greater Scaup, 3900; Lesser Scaup, 21; Common Goldeneye, 8; Bufflehead, 5; Oldsquaw, 2; White-winged Scoter, 3; Surf Scoter, 2; Common Scoter, 1; Ruddy Duck, 1; Hooded Merganser, 23; Common Merganser, 262; Red-breasted Merganser, 1; Turkey Vulture, 145; Black Vulture, 5; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 15; Red-shouldered Hawk, 3; Rough-legged Hawk, 17; Bald Eagle, 4; Marsh Hawk, 97; Sparrow Hawk, 50; Bobwhite, 62; Ring-necked Pheasant, 1; Clapper Rail, 1; Am. Coot, 7; Killdeer, 280; Black-bellied Plover, 1; Common Snipe, 2; Dunlin, 5; Great Black-backed Gull, 17; Herring Gull, 1640; Ring-billed Gull, 1450; Bonaparte's Gull, 1; Mourning Dove, 415; Barn Owl, 1; Screech Owl, 1; Great Horned Owl, 4; Barred Owl, 1; Long-eared Owl, 1; Short-eared Owl, 13; Saw-whet Owl, 1; Belted Kingfisher, 7; Yellow-shafted Flicker, 78; Red-bellied Woodpecker, 37; **Yellow-bellied Sapsucker, 1**; Hairy Woodpecker, 7; Downy Woodpecker, 77; Eastern Phoebe, 1; Horned Lark, 132; Tree Swallow, 5; Blue Jay, 69; Common Crow, 2485; Fish Crow, 37; Black-capped Chickadee, 5; Carolina Chickadee, 135; Tufted Titmouse, 45; White-breasted Nuthatch, 26; Red-breasted Nuthatch, 7; Brown Creeper, 9; Winter Wren, 10; Carolina Wren, 26; Long-billed Marsh Wren, 1; Mockingbird, 54; Catbird, 2; Brown Thrasher, 2; Robin, 68; Hermit Thrush, 3; Eastern Bluebird, 20; Golden-crowned Kinglet, 25; Water Pipit, 76; Cedar Waxwing, 56; Loggerhead Shrike, 1; Starling, 12,000; Myrtle Warbler, 940; House Sparrow, 700; Eastern Meadowlark, 570; Redwinged Blackbird, 24,000; Rusty Blackbird, 4; **Brewer's Blackbird, 200**; Common Grackle, 52,000; Brown-headed Cowbird, 3000; Cardinal, 320; Evening Grosbeak, 20; Purple Finch, 13; Am. Goldfinch, 280; Rufous-sided Towhee, 44; Ipswich Sparrow, 1; Savannah Sparrow, 81; Sharp-tailed Sparrow, 5; Seaside Sparrow, 4; Vesper Sparrow, 1; Slate-colored Junco, 300; Tree Sparrow, 120; Field Sparrow, 118; White-crowned Sparrow, 1; White-throated Sparrow, 1900; Fox Sparrow, 14; Swamp Sparrow, 75; Song Sparrow, 720; Snow Bunting, 65. **Total,** 125 species; about 162,952 individuals.—Joe Alcock, Jack Alcock, Sehl Brooks, Anson Cooke, Betty Cutler, Herbert Cutler, Steven Cutler, Darryl Cutler, David Cutler (compiler), Ben Howk, C. Lewis, Frank Frazier, M. Logue, R. J. Miller, John Linehan, John Prest, C. E. Price, Harry Matthews, Edward Reimann, E. H. Rigby, Harold Rice, Tom Tallarowski, Winston Wayne.

170. Rehoboth, Del. (all points within a 15-mile diameter circle, center in Indian River Bay as in past 3 years).—Jan. 2; 4 a.m. to 4 p.m. Fair a.m., cloudy p.m.; temp. 22° to 40°; wind SW, 6 m.p.h.; ground bare, ponds and streams third open. Five observers in 5 parties. Total party-hours, 50 (35 on foot, 15 by car); total party-miles, 450 (35 on foot, 415 by car). ► Common Loon, 220; Red-throated Loon, 385; Horned Grebe, 1109; Pied-billed Grebe, 8; Gannet, 3; Great Blue Heron, 21; Black-crowned Night Heron, 2; Am. Bittern, 1; Canada Goose, 502; Brant, 15,760; Snow Goose, 1; Mallard, 101; Black Duck, 264; Gadwall, 1; Pintail, 2; Green-winged Teal, 31; **European Widgeon, 1** (drake—S.D.); Am. Widgeon, 185; Shoveler, 1; Redhead, 1; Ring-necked Duck, 10; Canvasback, 10,000; Greater Scaup, 314; Common Goldeneye, 946; Bufflehead, 520; Oldsquaw, 17; White-winged Scoter, 568; Surf Scoter, 49; Common Scoter, **1142**; Ruddy Duck, 51; Hooded Merganser, 8; Red-breasted Merganser, 157; Turkey Vulture, 153; Cooper's Hawk, 1; Red-tailed Hawk, 18; Red-shouldered Hawk, 6; Rough-legged Hawk, 1; Marsh Hawk, 5; Pigeon Hawk, 1; Sparrow Hawk, 26; Bobwhite, 20; Clapper Rail, 1; Am. Coot, 83; Killdeer, 32; Black-bellied Plover, 21; Common Snipe, 2; Purple Sandpiper, 1; Dunlin, 202; Semipalmated Sandpiper, 1; Sanderling, 26; **Glaucous Gull, 1** (D.C.); Great Black-backed Gull, 28; Herring Gull, 2760; Ring-billed Gull, 5578; Bonaparte's Gull, 200; Forster's Tern, 1; Mourning Dove, 427; Screech Owl, 6; Great Horned Owl, 13; Barred Owl, 2; **Long-eared Owl, 1**; **Short-eared Owl, 1**; Belted Kingfisher, 12; Yellow-shafted Flicker, 31; Red-bellied Woodpecker, 9; **Yellow-bellied Sapsucker, 1**; Hairy Woodpecker, 7; Downy Woodpecker, 34; Horned Lark, 23; Tree Swallow, 4; Blue Jay, 28; Common Crow, 417; Fish Crow, 24; **Black-capped Chickadee, 1** (S.D.); Carolina Chickadee, 106; Tufted Titmouse, 48; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 13; Brown-headed Nuthatch, **33**; Brown Creeper, 6; Winter Wren, 3; Carolina Wren, 40; **Short-billed Marsh Wren, 1**; Mockingbird, 62; Catbird, 3; Brown Thrasher, 5; Robin, 7025; Hermit Thrush, 6; Eastern Bluebird, 20; Golden-crowned Kinglet, 19; Water Pipit, 2; Cedar Waxwing, 107; Loggerhead Shrike, 1; Starling, 10,000; Myrtle Warbler, 2625; Pine War-

bler, 4; **Yellowthroat, 1**; House Sparrow, 2475; Eastern Meadowlark, 793; Redwinged Blackbird, 300,000; Rusty Blackbird, 10; Boat-tailed Grackle, 1; Common Grackle, 500,000; Brown-headed Cowbird, 20,000; Cardinal, 123; Evening Grosbeak, 21; Purple Finch, 65; Pine Siskin, 30; Am. Goldfinch, 355; Rufous-sided Towhee, 70; **Ipswich Sparrow, 1**; Savannah Sparrow, 26; Sharp-tailed Sparrow, 13; Seaside Sparrow, 11; Slate-colored Junco, 715; Tree Sparrow, 4; **Chipping Sparrow, 2**; Field Sparrow, 84; White-throated Sparrow, 1860; Fox Sparrow, 29; Swamp Sparrow, 208; Song Sparrow, 646; Snow Bunting, 134. **Total,** 123 species; about 890,397 individuals. (Seen in area count period, but not on count day: Orange-crowned Warbler.)—David Cutler, Samuel Dyke, Henry Matthews (compiler), Edward Reimann, Paul Schwalbe.

171. **Accokeek, Md.** (all points within a 15-mile diameter circle, center 1½ miles north of Accokeek; east side of Potomac River from Bryan's Point east along south side of Piscataway Creek to Indian Head Highway; about 3 sq. miles of river and bay front, cultivated river flat, cattail marsh, wooded swamp, wood creek-bottom, border of wooded upland).—Jan. 2; 7:30 a.m. to 4:30 p.m. Cloudy, intermittent light rain p.m.; temp. 24° to 37°; wind S, 0-5 m.p.h.; ground bare, water open. Six observers in 4 parties. Total party-hours, 27; total party-miles, 21 (all on foot). ► Horned Grebe, 3; Great Blue Heron, 2; Mallard, 9; Black Duck, 4; Pintail, 10; Lesser Scaup, 200; Common Goldeneye, 3; Bufflehead, 33; Ruddy Duck, 130; Hooded Merganser, 2; Common Merganser, 130; Turkey Vulture, 2; Red-tailed Hawk, 2; Bald Eagle, 1; Marsh Hawk, 1; Sparrow Hawk, 1; Bobwhite, 8; Killdeer, 54; Herring Gull, 70; Ring-billed Gull, 170; Mourning Dove, 55; Barred Owl, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 24; Pileated Woodpecker, 3; Red-bellied Woodpecker, 35; Red-headed Woodpecker, 8; Yellow-bellied Sapsucker, 6; Hairy Woodpecker, 4; Downy Woodpecker, 16; Blue Jay, 90; Common Crow, 50; Carolina Chickadee, 35; Tufted Titmouse, 45; White-breasted Nuthatch, 4; Brown Creeper, 3; Winter Wren, 3; Carolina Wren, 33; Mockingbird, 33; Robin, 400; Hermit Thrush, 1; Eastern Bluebird, 11; Golden-crowned Kinglet, 12; Ruby-crowned Kinglet, 1; Cedar Waxwing, 25; Starling, 200; Myrtle Warbler, 13; House Sparrow, 100; Eastern Meadowlark, 60; Redwinged Blackbird, 280; Rusty Blackbird, 6; Cardinal, 100; Evening Grosbeak, 8; Purple Finch, 45; Am. Goldfinch, 80; Rufous-sided Towhee, 13; Savannah Sparrow, 13; Slate-colored Junco, 500; Tree Sparrow, 9; Field Sparrow, 70; White-throated Sparrow, 400; Swamp Sparrow, 20; Song Sparrow, 150. **Total,** 63 species; about 3803 individuals.—C. A. Anderson, A. A. Baker, Warren Hobbs, Edwin T. McKnight (compiler), Thomas B. Nolan, W. W. Rubey.

172. **Annapolis and Gibson Island, Md.** (all points within a 15-mile diameter circle, center on south end of Severn River Bridge on Route 50).—Jan. 3; 4 a.m. to 6:30 p.m. Rainy a.m., clearing; temp. 38° to 52°; wind NW, 10 m.p.h. Forty-seven observers in 21 parties. Total party-hours, 132 (69 on foot, 63 by car); total party-miles, 622 (75 on foot, 547 by car). ► Horned Grebe, 114; Pied-billed Grebe, 8; Great Blue Heron, 23; Whistling Swan, 3152; Canada Goose, 1; Mallard, 53; Black Duck, 82; **European Widgeon, 1**; Am. Widgeon, 560; Redhead, 28; Ring-necked Duck, 2; Canvasback, 884; Greater Scaup, 140; Lesser Scaup, 15; Common Goldeneye, 918; Bufflehead, 347; Oldsquaw, 104; White-winged Scoter, 5; Ruddy Duck, 1242; Common Merganser, 1; Turkey Vulture, 55; Black Vulture, 15; Cooper's Hawk, 2; Red-tailed Hawk, 6; Red-shouldered Hawk, 5; Bald Eagle, 7; Marsh Hawk, 3; Peregrine Falcon, 1; Sparrow Hawk, 8; Bobwhite, 254; Virginia Rail, 1; Am. Coot, 9; Killdeer, 14; Am. Woodcock, 1; Great Black-backed Gull, 21; Herring Gull, 402; Ring-billed Gull, 166; Laughing Gull, 2; Bonaparte's Gull, 3; Mourning Dove, 115; Great Horned Owl, 1; Belted Kingfisher, 49; Yellow-shafted Flicker, 69; Red-bellied Woodpecker, 93; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 13; Hairy Woodpecker, 8; Downy Woodpecker, 102; Horned Lark, 4; Blue Jay, 305; Common Crow, 221; Fish Crow, 25; Black-capped Chickadee, 5; Carolina Chickadee, 308; Tufted Titmouse, 249; White-breasted Nuthatch, 48; Red-breasted Nuthatch, 2; Brown Creeper, 6; Winter Wren, 3; Carolina Wren, 154; Long-billed Marsh Wren, 1; Mockingbird, 252; Catbird, 2; Brown Thrasher, 2; Robin, 1399; Hermit Thrush, 1; Eastern Bluebird, 26; Golden-crowned Kinglet, 32; Ruby-crowned Kinglet, 3; Cedar Waxwing, 102; Starling, **17,696**; Myrtle Warbler, 33; House Sparrow, 922; Eastern Meadowlark, 57; Redwinged Blackbird, **8443**; **Orchard Oriole, 2** (unmistakable males—H.W., Mrs. R.D.C.); **Baltimore Oriole, 1** (M.H.); Rusty Blackbird, 1; Common Grackle, 1013; Brown-headed Cowbird, **8670**; Cardinal, 668; Evening Grosbeak, 40; Purple Finch, 24; **Common Redpoll, 1** (C.S.R.); Am. Goldfinch, 832; Rufous-sided Towhee, 101; Savannah Sparrow, 4; Slate-colored Junco, 2129; Tree Sparrow, 118; Field Sparrow, 89; White-throated Sparrow, 1374; Fox Sparrow, 3; Swamp Sparrow, 10; Song Sparrow, 433. **Total,** 94 species; about 54,921 individuals. (Seen in area in period, but not on count day: Dunlin.)—Cdr. Cecil Abbott, Mrs. R. D. Cole, Mr. and Mrs. William Conrad, Russell Cook, Robert Cornell, John H. Fales, David Fales, B. C. Getchell, Harvey Hall (compiler), Margaret Hoffman, Mr. and Mrs. David Howard, Fran Knode, Mr. and Mrs. Carl Long, Reida Longanecker, Mrs. Willard Luff, Mr. and Mrs. Douglas F. Miner, Mrs. Pattie Moore, Chandler S. Robbins, Mrs. George Rullman, Father Edward Stoehr, Godwin Stevenson, Henry Sturdy, Harold Wierenga, Hal Wierenga, Cdr. and Mrs. E. P. Wilson, Capt. and Mrs. J. E. M. Wood, Sarah Wood.

173. **Catoctin Mountain, Md.** (all points within a 15-mile diameter circle, center 1.3 miles west of Thurmont).—Jan. 2; 5 a.m. to 5 p.m. Clear to rain after 3:30 p.m.; temp. 16° to 40°; wind SW, 0-10 m.p.h.; ground bare, ponds and streams open, marshes frozen. Nineteen observers in 6 parties. Total party-hours, 60 (29 on foot, 31 by car); total party-miles, 310 (29 on foot, 281 by car). ► Great Blue Heron, 1; Mallard, 19; Black Duck, 16; **Ruddy Duck, 1** (D.B.); Turkey Vulture, 33; Black Vulture, 3; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed

Hawk, 7; Red-shouldered Hawk, 3; Marsh Hawk, 1; Sparrow Hawk, 13; Ruffed Grouse, 1; Bobwhite, 41; Ring-necked Pheasant, 1; Killdeer, 24; Mourning Dove, 108; Screech Owl, 3; Great Horned Owl, 2; Belted Kingfisher, **15**; Yellow-shafted Flicker, 12; Pileated Woodpecker, 3; Red-bellied Woodpecker, 25; Red-headed Woodpecker, 1; Hairy Woodpecker, 15; Downy Woodpecker, 93; Eastern Phoebe, 2; Horned Lark, **314**; Blue Jay, 292; Common Crow, 3638; Fish Crow, 51; Black-capped Chickadee, 18; Carolina Chickadee, 241; Tufted Titmouse, 144; White-breasted Nuthatch, **110**; Red-breasted Nuthatch, 2; Brown Creeper, 22; Winter Wren, 12; Carolina Wren, 45; Mockingbird, 64; Robin, 59; Eastern Bluebird, 21; Golden-crowned Kinglet, 19; Cedar Waxwing, 7; Starling, 3800; Myrtle Warbler, 2; House Sparrow, 1218; Eastern Meadowlark, 63; Redwinged Blackbird, **164**; Common Grackle, **26,745**; Brown-headed Cowbird, **321**; Cardinal, 221; Evening Grosbeak, 8; Purple Finch, 18; Pine Siskin, 3; Am. Goldfinch, 129; Savannah Sparrow, 1; Slate-colored Junco, 775; Tree Sparrow, 342; Field Sparrow, 69; White-crowned Sparrow, 46; White-throated Sparrow, 151; Swamp Sparrow, 1; Song Sparrow, 129; **Lapland Longspur, 5** (9 observers). **Total,** 65 species; about 39,715 individuals.—David Bridge, Ellen W. Edwards, Sterling W. Edwards, Malcolm Hale, Ralph P. Joly, Seth H. Low, Seth T. Low, William G. Meredith, Charles L. Mullican, Sarah E. Quinn, John W. Richards (compiler), Ruth O. Richards, Chandler S. Robbins, Sophia W. Schaefle, William N. Shirey, Ted Stiles, Herbert G. Tanner, Hazel White, Dorothy M. Wilson.

174. Cylburn Wildflower Preserve, Baltimore, Md. (all points within a 15-mile diameter circle).—Dec. 26; 5 a.m. to 1 p.m.; temp. 39° to 45°; little wind. Eight observers in 3 parties. Total party-hours, 8 (8 on foot). ► Red-shouldered Hawk, 1; Sparrow Hawk, 1; Herring Gull, 4; Ring-billed Gull, 23; Screech Owl, 1; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 5; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 17; Blue Jay, 20; Common Crow, 18; Carolina Chickadee, 30; Tufted Titmouse, 27; White-breasted Nuthatch, 16; Brown Creeper, 1; Carolina Wren, 7; Mockingbird, 10; Robin, 3; Starling, 168; Myrtle Warbler, 1; House Sparrow, 10; Cardinal, 37; Purple Finch, 7; Pine Siskin, 1; Am. Goldfinch, 6; Slate-colored Junco, 83; Field Sparrow, 1; White-throated Sparrow, 56; Fox Sparrow, 3; Song Sparrow, 3. **Total,** 32 species; about 565 individuals.—Charles Buchanan, Elizabeth Fisher, Alice S. Kaestner (compiler), Chandler S. Robbins, Jane S. Robbins, Stuart B. Robbins, Betsy Shaffer, Martha D. Shaffer.

175. Denton, Md. (all points within a 15-mile diameter circle, center as in last 9 years).—Dec. 26; 5 a.m. to 5:30 p.m. Showers a.m., clearing p.m.; temp. 34° to 48°; no wind; ground open, ice on margins of ponds. Fourteen observers in 11 parties. Total party-hours, 51 (35 on foot, 13 by car, 3 by boat); total party-miles, 309 (37 on foot, 264 by car, 8 by boat). ► Pied-billed Grebe, 3; Great Blue Heron, 7; Canada Goose, 234; Mallard, 2; Black Duck, 32; Green-winged Teal, 2; Ruddy Duck, 1; Common Merganser, 47; Turkey Vulture, 271; Cooper's Hawk, 1; Red-tailed Hawk, 11; Red-shouldered Hawk, 3; Marsh Hawk, 14; Sparrow Hawk, **36**; Bobwhite, 57; Killdeer, 20; **Common Snipe, 20**; Herring Gull, 12; Ring-billed Gull, 87; Mourning Dove, 181; Great Horned Owl, 4; Barred Owl, 2; Belted Kingfisher, 15; Yellow-shafted Flicker, 30; **Pileated Woodpecker, 1**; Red-bellied Woodpecker, 46; Yellow-bellied Sapsucker, 5; Hairy Woodpecker, 12; Downy Woodpecker, 66; Horned Lark, 78; Blue Jay, **120**; Common Crow, 168; Fish Crow, 5; Carolina Chickadee, 140; Tufted Titmouse, 89; White-breasted Nuthatch, 9; Red-breasted Nuthatch, 1; Brown Creeper, 15; Winter Wren, 10; Carolina Wren, 26; Mockingbird, 54; **Catbird, 3**; Robin, 152; Hermit Thrush, 6; Eastern Bluebird, 100; **Blue-gray Gnatcatcher, 1** (seen well—C.S.); Golden-crowned Kinglet, 45; Loggerhead Shrike, 3; Starling, 811; Myrtle Warbler, 31; **Pine Warbler, 1**; House Sparrow, 595; Eastern Meadowlark, 189; Redwinged Blackbird, 668; Rusty Blackbird, 6; Common Grackle, 342; Brown-headed Cowbird, 327; Cardinal, 257; Evening Grosbeak, 24; Purple Finch, 4; Am. Goldfinch, 182; Rufous-sided Towhee, 36; Savannah Sparrow, 2; Vesper Sparrow, 1; Slate-colored Junco, 375; Field Sparrow, 94; White-crowned Sparrow, 15; White-throated Sparrow, 432; Swamp Sparrow, 5; Song Sparrow, 145. **Total,** 70 species; about 6789 individuals.—Elsie Bilbrough, Margarete Butenschoen, A. J. Fletcher (compiler), Roberta B. Fletcher, Robert E. Fletcher, Marvin W. Hewitt, Naomi W. Hewitt, Richard L. Kleen, Alicia Knotts, Terry Moore, Essie Pepper, Carol Scudder, Jaquelin Smith, A. May Thompson.

176. Lower Kent County, Md. (all points within a 15-mile diameter circle, center 2¼ miles east of Rock Hall).—Dec. 27; 12:01 a.m. to 6 p.m. Showers, fog, then clear; temp. 45° to 60°; wind SE, 0-3 m.p.h.; water open, ground clear. Twenty-five observers in 7 parties. Total party-hours, 60 (29 on foot, 30 by car, 1 by boat); total party-miles, 342 (19 on foot, 317 by car, 6 by boat). ► Horned Grebe, 41; Pied-billed Grebe, 5; Great Blue Heron, 26; **Black-crowned Night Heron, 1**; Whistling Swan, **8361**; Canada Goose, 21,742; **Brant, 16** (carefully studied—F.B., D.D.G.); Snow Goose, 6; Blue Goose, 12; Mallard, 472; Black Duck, 9995; Pintail, **7582**; Green-winged Teal, 1; Am. Widgeon, 1427; Redhead, 201; Canvasback, 1572; Greater and Lesser Scaup, 401; Common Goldeneye, 208; Bufflehead, **175**; Oldsquaw, 17; Ruddy Duck, 475; Common Merganser, 8; Turkey Vulture, 286; Black Vulture, 5; Sharp-shinned Hawk, 3; Cooper's Hawk, 2; Red-tailed Hawk, **34**; Red-shouldered Hawk, 3; Bald Eagle, 7; Marsh Hawk, 23; Sparrow Hawk, 26; Bobwhite, 29; Am. Coot, 1527; Killdeer, 7; **Dunlin, 6** (present since Nov.); Great Black-backed Gull, 34; Herring Gull, **1245**; Ring-billed Gull, 322; Mourning Dove, 185; Screech Owl, 2; Great Horned Owl, **15**; Barred Owl, 5; Belted Kingfisher, 12; Yellow-shafted Flicker, 56; Red-bellied Woodpecker, 25; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 8; Downy Woodpecker, 43; Blue Jay, 454; Common Crow, 1539; Fish Crow, 6; Carolina Chickadee, 83; Tufted Titmouse, 57;

White-breasted Nuthatch, 20; Red-breasted Nuthatch, 8; Brown Creeper, 8; Carolina Wren, 48; Mockingbird, 161; Catbird, 1; Brown Thrasher, 2; Robin, 76; Eastern Bluebird, 49; Golden-crowned Kinglet, 47; Ruby-crowned Kinglet, 2; Cedar Waxwing, 8; Starling, 1032; Myrtle Warbler, 357; House Sparrow, 504; Eastern Meadowlark, 227; Redwinged Blackbird, 1614; Common Grackle, 261; Brown-headed Cowbird, 5; Cardinal, 699; Evening Grosbeak, 3 (at feeder); Purple Finch, 3; Am. Goldfinch, 115; Rufous-sided Towhee, 36; Slate-colored Junco, 415; Tree Sparrow, 19; Field Sparrow, 171; White-crowned Sparrow, 3; White-throated Sparrow, 688; Swamp Sparrow, 38; Song Sparrow, 175. **Total,** 85 species; about 65,591 individuals. (Seen in area count period, but not on count day: Hermit Thrush, Savannah Sparrow.)—Frederick Bowes, Mrs. R. D. Cole, Elizabeth Crossley, Daniel D. Gibson (compiler), Daniel Z. Gibson, Helen S. Gibson, Mary L. Gibson, Thomas Mahood, Wibs McLain, Dorothy A. Mendinhall, Edward Mendinhall, Phillips Shively (Maryland Ornithological Society and guests).

177. McCoole, Md. (all points within a 15-mile diameter circle, center McCoole as in previous years). —Dec. 29; 8 a.m. to 8 p.m. Cloudy-bright; temp. 38° to 45°; wind W, 5-15 m.p.h. Two observers in 1 party. Total party-hours, 11 (10 on foot, 1 by car); total party-miles, 22 (10 on foot, 12 by car). ► Black Duck, 1; Yellow-shafted Flicker, 1; Pileated Woodpecker, 1; Red-bellied Woodpecker, 2; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 2; Blue Jay, 36; Common Crow, 6; Black-capped Chickadee, 19; Tufted Titmouse, 27; White-breasted Nuthatch, 7; Carolina Wren, 1; Mockingbird, 3; Robin, 250; Hermit Thrush, 1; Eastern Bluebird, 2; Cedar Waxwing, 16; Starling, 308; Myrtle Warbler, 1; House Sparrow, 58; Cardinal, 15; Evening Grosbeak, 5; Slate-colored Junco, 49; Tree Sparrow, 6; White-throated Sparrow, 2; Song Sparrow, 2. **Total,** 27 species; about 823 individuals.—Leonard M. Llewellyn (compiler), Mary L. Llewellyn.

178. Ocean City, Md. (all points within a 15-mile diameter circle, center 0.8 mile SSE of center of Berlin; same area as in past 11 years; same habitat percentages as in 1949).—Dec. 29; 6 a.m. to 5:45 p.m. Heavily overcast all day; continuous light rain after 2:15 p.m.; temp. 42° to 59°; wind variable, 0-5 m.p.h.; no ice on ponds or rivers. Twenty-seven observers in 10 parties. Total party-hours, 133 (103½ on foot, 26 by car, 3½ by boat); total party-miles, 473 (93 on foot, 348 by car, 32 by boat). ► Common Loon, 14; Red-throated Loon, 76; Horned Grebe, 152; Pied-billed Grebe, 3; Gannet, 3; Double-crested Cormorant, 5; Great Blue Heron, 27; Black-crowned Night Heron, **15**; Am. Bittern, 1; Canada Goose, 2630; Brant, 10,000; Snow Goose, 24; Mallard, 284; Black Duck, 446; Gadwall, 1; Pintail, 54; Green-winged Teal, 4; Am. Widgeon, 48; Wood Duck, 1; Redhead, 2; Ring-necked Duck, 20; Canvasback, 3800; Greater Scaup, 206; Common Goldeneye, 226; Bufflehead, 177; Oldsquaw, 108; **Common Eider, 8**; **King Eider, 11** (eider concentration carefully studied by 4 parties); White-winged Scoter, 88; Surf Scoter, 24; Common Scoter, **666**; Ruddy Duck, 5; Hooded Merganser, 2; Red-breasted Merganser, 222; Turkey Vulture, 138; Sharp-shinned Hawk, 1; Cooper's Hawk, 4; Red-tailed Hawk, 16; Red-shouldered Hawk, 17; Bald Eagle, 2; Marsh Hawk, 7; Pigeon Hawk, 1; Sparrow Hawk, 35; Bobwhite, 39; Clapper Rail, 6; Am. Coot, 6; Semipalmated Plover, 7; Piping Plover, 6; Killdeer, 178; Black-bellied Plover, 74; Am. Woodcock, 2; Common Snipe, 3; Greater Yellowlegs, 1; Purple Sandpiper, 40; Least Sandpiper, 11; Dunlin, 1095; Semipalmated Sandpiper, 15; Western Sandpiper, 1; Sanderling, 500; **Iceland Gull, 1** (I.N.G.); Great Black-backed Gull, 49; Herring Gull, 730; Ring-billed Gull, 1914; Laughing Gull, 1; Bonaparte's Gull, 21; Forster's Tern, 22; **Common Tern, 1** (D.A.C.); Mourning Dove, 365; Barn Owl, 1; Screech Owl, **6**; Great Horned Owl, 5; Belted Kingfisher, 14; Yellow-shafted Flicker, 159; Pileated Woodpecker, 10; Red-bellied Woodpecker, 71; **Red-headed Woodpecker, 1** (Mrs. R.D.C.); Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 35; Downy Woodpecker, 96; Eastern Phoebe, 2; Horned Lark, 4; Tree Swallow, **435**; Blue Jay, 39; Common Crow, 261; Fish Crow, **25**; Black-capped Chickadee, 3; Carolina Chickadee, 251; Tufted Titmouse, 161; White-breasted Nuthatch, 8; Red-breasted Nuthatch, 4; Brown-headed Nuthatch, 60; Brown Creeper, 37; House Wren, 2; Winter Wren, 31; Carolina Wren, 190; Long-billed Marsh Wren, 3; Short-billed Marsh Wren, 4; Mockingbird, 62; Catbird, 18; Brown Thrasher, 21; Robin, **20,000**; Hermit Thrush, 41; Eastern Bluebird, 179; Golden-crowned Kinglet, 73; Ruby-crowned Kinglet, 28; Water Pipit, 75; Cedar Waxwing, 127; Loggerhead Shrike, 4; Starling, 15,000; Myrtle Warbler, 2007; Pine Warbler, 3; Palm Warbler, 3; Yellowthroat, 2; House Sparrow, 704; Eastern Meadowlark, 851; Redwinged Blackbird, 5870; Rusty Blackbird, 23; Boat-tailed Grackle, 2; Common Grackle, **600,000**; Brown-headed Cowbird, 20,000; Cardinal, 407; Evening Grosbeak, 7; Purple Finch, 10; Pine Siskin, 32; Am. Goldfinch, 747; Rufous-sided Towhee, 182; Ipswich Sparrow, 6; Savannah Sparrow, 172; Sharp-tailed Sparrow, 27; Vesper Sparrow, 1; Slate-colored Junco, 849; Tree Sparrow, 7; Chipping Sparrow, 27; Field Sparrow, 365; White-throated Sparrow, **2117**; Fox Sparrow, 47; Swamp Sparrow, 215; Song Sparrow, 988; Snow Bunting, 200. **Total,** 139 species; about 698,083 individuals. (Seen in area count period, but not on count day: Black Vulture, Ruddy Turnstone.)—Mrs. J. C. Bauer, Walter M. Booth, Mrs. R. D. Cole, D. Cutler, Margaret Donnald, Morrill Donnald, S. H. Dyke, Helen Fessenden, Betty Fisher, Ira N. Gabrielson, C. Douglas Hackman, Gordon A. Knight, Brooke Meanley, Bruce I. Nesbitt, Geoffry R. Nesbitt, Stephen A. Nesbitt, John Richards, Chandler S. Robbins (compiler), Betsy Schaffer, P. Schwalbe, Karl Stecher, Ted Stiles, John Terborgh, John S. Webb, John Weske, Alden Willoughby, John E. Willoughby (Maryland Ornithological Society).

179. Palmers, Md. (all points within a 15-mile diameter circle, center at Dynard, includes Clements, Mechanicsville, Hollywood, Redgate, Potomac River from Flood Creek to and including part of Wicomico River; pasture 20%, town suburbs 5%; deciduous

woodland 20%, coniferous woodland 10%, rivers 20%, marshes 10%, plowed land 15%).—Jan. 3; 7:30 a.m. to 7 p.m. Rain early a.m., clearing; temp. 37° to 48°; wind NW, 15 m.p.h. Three observers in 3 parties. Total party-hours, 34 (18 on foot, 14 by car, 2 by boat); total party-miles, 249 (14 on foot, 225 by car, 10 by boat). ► Common Loon, 7; Horned Grebe, 60; Pied-billed Grebe, 1; Great Blue Heron, 15; **Green Heron, 1** (J.S.W.); Whistling Swan, 369; Mallard, 20; Black Duck, 49; Gadwall, 27; Green-winged Teal, 6; Am. Widgeon, 907; Redhead, 75; Canvasback, 135; Lesser Scaup, 15; Common Goldeneye, 1050; Bufflehead, 15; Oldsquaw, 125; White-winged Scoter, 2; Ruddy Duck, 408; Turkey Vulture, 103; Black Vulture, 9; Sharp-shinned Hawk, 1; Red-tailed Hawk, 3; Red-shouldered Hawk, 1; Bald Eagle, 6; Marsh Hawk, 7; Sparrow Hawk, 8; Bobwhite, 10; Am. Coot, 600; Killdeer, 1; Common Snipe, 5; Great Black-backed Gull, 27; Herring Gull, 250; Ring-billed Gull, 250; Mourning Dove, 26; Screech Owl, 1; Barred Owl, 3; Belted Kingfisher, 3; Yellow-shafted Flicker, 35; Red-bellied Woodpecker, 17; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 14; Horned Lark, 8; Blue Jay, 79; Common Crow, 424; Carolina Chickadee, 39; Tufted Titmouse, 27; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 1; Brown Creeper, 1; Winter Wren, 6; Carolina Wren, 15; Long-billed Marsh Wren, 1; Mockingbird, 33; Catbird, 3; Robin, 179; Hermit Thrush, 3; Eastern Bluebird, 26; Golden-crowned Kinglet, 22; Ruby-crowned Kinglet, 3; Cedar Waxwing, 21; Loggerhead Shrike, 3; Starling, 272; Myrtle Warbler, 1049; House Sparrow, 75; Eastern Meadowlark, 171; Redwinged Blackbird, 550; Rusty Blackbird, 21; Common Grackle, 4; Cardinal, 81; **Evening Grosbeak, 1**; Purple Finch, 3; Am. Goldfinch, 37; Rufous-sided Towhee, 42; Savannah Sparrow, 4; Slate-colored Junco, 86; Tree Sparrow, 1; Field Sparrow, 76; White-throated Sparrow, 173; Swamp Sparrow, 18; Song Sparrow, 65. **Total,** 82 species; about 8295 individuals.—James Banagan (compiler), John Brown, John S. Weske.

180. Port Tobacco, Md. (all points within a 15-mile diameter circle, center Bel Alton; woodland 45%, cultivated land 20%, tidal waters 15%, marsh 3%, swamp 17%).—Dec. 28; 7 a.m. to 5 p.m. Rain; temp. 46° to 59°; wind 5-10 m.p.h.; heavy fog over water. One observer. Total hours, 10 (5 on foot, 5 by car); total miles, 88 (4 on foot, 84 by car). ► Horned Grebe, 1; Pied-billed Grebe, 3; Great Blue Heron, 1; Canada Goose, 3; Mallard, 1; Am. Widgeon, 32; Ruddy Duck, 37; Common Merganser, 2; Turkey Vulture, 23; Marsh Hawk, 2; Sparrow Hawk, 4; Bobwhite, 20; Killdeer, 15; Common Snipe, 1; Ring-billed Gull, 7; Mourning Dove, 3; Belted Kingfisher, 4; Yellow-shafted Flicker, 6; Red-bellied Woodpecker, 5; Hairy Woodpecker, 1; Downy Woodpecker, 5; Eastern Phoebe, 1; Blue Jay, 18; Common Crow, 56; Carolina Chickadee, 45; Tufted Titmouse, 43; Carolina Wren, 19; Mockingbird, 3; Robin, 150; Hermit Thrush, 1; Golden-crowned Kinglet, 4; Cedar Waxwing, 33; Starling, 20; Myrtle Warbler, 4; House Sparrow, 13; Eastern Meadowlark, 2; Redwinged Blackbird, 220; Rusty Blackbird, 10; Cardinal, 44; Purple Finch, 5; Am. Goldfinch, 19; Rufous-sided Towhee, 13; Slate-colored Junco, 55; Tree Sparrow, 1; Field Sparrow, 16; White-throated Sparrow, 145; Swamp Sparrow, 24; Song Sparrow, 42. **Total,** 48 species; about 1182 individuals.—Allen R. Stickley, Jr.

181. St. Michaels, Md. (all points within a 15-mile diameter circle, center in Grace's Cove, Bozman; approximately same area as in past 6 years).—Dec. 27; 12:01 a.m. to 5:30 p.m. Rain, clearing at dawn; temp. 40° to 60°; wind 0-5 m.p.h.; ground bare, water open. Twenty-nine observers in 9 parties. Total party-hours, 112 (68 on foot, 36 by car, 8 by boat); total party-miles, 548 (72 on foot, 427 by car, 49 by boat). ► Common Loon, 3; Horned Grebe, 720; Pied-billed Grebe, 2; Great Blue Heron, 27; Whistling Swan, 10,049; Canada Goose, **47,820**; Brant, 264; Snow Goose, 2; Blue Goose, 1; Mallard, 277; Black Duck, 1894; Pintail, 67; Am. Widgeon, 5990; Redhead, 329; Ring-necked Duck, 1; Canvasback, 7117; Lesser Scaup, 64; Common Goldeneye, 2772; Bufflehead, 462; Oldsquaw, **6328**; White-winged Scoter, 408; Common Scoter, 17; Ruddy Duck, 405; Hooded Merganser, 7; Common Merganser, 2; Red-breasted Merganser, 39; Turkey Vulture, 222; Black Vulture, 19; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 39; Red-shouldered Hawk, 3; Bald Eagle, 1; Marsh Hawk, 15; Sparrow Hawk, 20; Bobwhite, 261; **King Rail, 1**; Am. Coot, 9; Killdeer, 39; Am. Woodcock, 1; Great Black-backed Gull, **72**; Herring Gull, 1560; Ring-billed Gull, 1656; Laughing Gull, 2; Mourning Dove, 839; Barn Owl, 2; Screech Owl, 8; Great Horned Owl, 28; Belted Kingfisher, 30; Yellow-shafted Flicker, 63; Red-bellied Woodpecker, 67; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 31; Downy Woodpecker, 95; Horned Lark, 3; Blue Jay, 404; Common Crow, 8532; Fish Crow, 349; Black-capped Chickadee, 13; Carolina Chickadee, 145; Tufted Titmouse, 57; White-breasted Nuthatch, 27; Red-breasted Nuthatch, 57; Brown-headed Nuthatch, **353**; Brown Creeper, 28; House Wren, 1; Winter Wren, 7; Carolina Wren, 136; Mockingbird, 239; Catbird, 8; Brown Thrasher, 9; Robin, 375; Hermit Thrush, 3; Eastern Bluebird, 107; Golden-crowned Kinglet, 31; Ruby-crowned Kinglet, 7; Water Pipit, 42; Cedar Waxwing, 94; Loggerhead Shrike, 3; Starling, 4210; Myrtle Warbler, 874; Pine Warbler, 1; House Sparrow, 788; Eastern Meadowlark, 460; Redwinged Blackbird, 3348; Baltimore Oriole, 1; Rusty Blackbird, 1; Common Grackle, 28; Brown-headed Cowbird, 7826; Cardinal, 378; Evening Grosbeak, 35; Purple Finch, 17; Pine Siskin, 8; Am. Goldfinch, 194; Rufous-sided Towhee, 173; Savannah Sparrow, 51; Slate-colored Junco, 729; Chipping Sparrow, 3; Field Sparrow, 177; White-crowned Sparrow, 12; White-throated Sparrow, 1785; Fox Sparrow, 67; Swamp Sparrow, 38; Song Sparrow, 64. **Total,** 104 species; about 122,474 individuals. (Seen in area count period, but not on count day: Black-crowned Night Heron, Green-winged Teal.)—J. T. Ambler, Harry Armistead, Barnie Bauer, Chris Bryan, A. J. Fletcher, Marvin Hewitt, Jack Jones, Richard L. Kleen (compiler), Richard Leahey, Terry Moore, Jane Offutt, Chandler S. Robbins, Bruce Schuck, Dorothy Vernon Smith, Robert Sharp II, Ted

Stiles, Kathryn Tillinghast, Georgia Tillinghast (Talbot County Bird Club and guests).

182. Seneca, Md. (all points within a 15-mile diameter circle, center Seneca).—Dec. 27; 8 a.m. to 4 p.m. Fog until 10 a.m., partly cloudy p.m.; temp. 43° to 63°; no wind. Six observers in 2 parties. Total party-hours, 42; total party-miles, 67 (27 on foot, 40 by car). ► Mallard, 19; Wood Duck, 5; Turkey Vulture, 7; Red-shouldered Hawk, 1; Marsh Hawk, 4; Pigeon Hawk, 1; Sparrow Hawk, 7; Am. Coot, 29; Ring-billed Gull, 6; Belted Kingfisher, 4; Yellow-shafted Flicker, 5; Pileated Woodpecker, 1; Red-bellied Woodpecker, 3; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 22; Blue Jay, 40; Common Crow, 43; Carolina Chickadee, 60; Tufted Titmouse, 31; White-breasted Nuthatch, 10; Brown Creeper, 8; Winter Wren, 3; Carolina Wren, 18; Mockingbird, 24; Eastern Bluebird, 27; Golden-crowned Kinglet, 10; Starling, 208; House Sparrow, 24; Redwinged Blackbird, 6; Cardinal, 45; Purple Finch, 2; Am. Goldfinch, 60; Rufous-sided Towhee, 4; Slate-colored Junco, 56; White-throated Sparrow, 56; Song Sparrow, 24. **Total,** 37 species; about 877 individuals.—Gladys Clarke, R. Odom, Mrs. R. Odom, Hilda Smith, Charles N. Thomsen (compiler), Goldie Thomsen (Takoma Park Nature Society).

183. Southern Dorchester County, Md. (all points within a 15-mile diameter circle, center 5¼ miles NE of Wingate Post Office; Blackwater National Wildlife Refuge to Elliott Island; same area and habitats as in past 12 years).—Dec. 30; 5:45 a.m. to 7 p.m. Clear; temp. 36° to 50°; wind W, 0-10 m.p.h.; all water open, tide exceptionally high. Twenty-one observers in 7 parties. Total party-hours, 80 (56½ on foot, 21 by car, 2½ by boat); total party-miles, 316 (55 on foot, 241 by car, 20 by boat). ► Horned Grebe, 211; Great Blue Heron, 22; Common Egret, 3; Black-crowned Night Heron, 3; Am. Bittern, 2; Whistling Swan, 128; Canada Goose, 9660; Snow Goose, **35**; Blue Goose, **38**; Mallard, 6000; Black Duck, 3655; Gadwall, 40; Pintail, 1600; Green-winged Teal, 119; Blue-winged Teal, 10; Am. Widgeon, 86; Ring-necked Duck, 2310; Canvasback, 1850; scaup (sp.), 6; Common Goldeneye, 363; Bufflehead, 5; Oldsquaw, 12; Hooded Merganser, 14; Common Merganser, 88; Red-breasted Merganser, 46; Turkey Vulture, 248; Sharp-shinned Hawk, 3; Cooper's Hawk, 1; Red-tailed Hawk, 12; Red-shouldered Hawk, 7; Rough-legged Hawk, 3; Bald Eagle, 17; Marsh Hawk, 79; Peregrine Falcon, 1; Sparrow Hawk, 13; Bobwhite, 75; Clapper Rail, 2; Virginia Rail, 37; Am. Coot, 1; Killdeer, 69; Am. Woodcock, 7; Common Snipe, 22; Greater Yellowlegs, 2; Dunlin, 13; Great Black-backed Gull, 8; Herring Gull, 124; Ring-billed Gull, 254; Mourning Dove, 101; Barn Owl, 2; Screech Owl, 10; Great Horned Owl, 10; Barred Owl, 2; Short-eared Owl, 3; Belted Kingfisher, 13; Yellow-shafted Flicker, **112**; Pileated Woodpecker, 4; Red-bellied Woodpecker, **31**; Hairy Woodpecker, 15; Downy Woodpecker, 60; Horned Lark, 6; Tree Swallow, 1236; Blue Jay, 56; Common Crow, 453; Carolina Chickadee, 186; Tufted Titmouse, 46; White-breasted Nuthatch, 4; Brown-headed Nuthatch, **482**; Brown Creeper, 13; House Wren, 1; Winter Wren, 10; Carolina Wren, 98; Long-billed Marsh Wren, 48; Short-billed Marsh Wren, 14; Mockingbird, **44**; Catbird, **19**; Brown Thrasher, 10; Robin, 120; Hermit Thrush, 26; Eastern Bluebird, **255**; Golden-crowned Kinglet, 22; Ruby-crowned Kinglet, 9; Water Pipit, 3; Cedar Waxwing, 25; Loggerhead Shrike, 2; Starling, 567; Myrtle Warbler, 3655; Palm Warbler, 1; House Sparrow, 347; Eastern Meadowlark, 364; Redwinged Blackbird, 12,500; Common Grackle, 6000; Brown-headed Cowbird, 1000; Cardinal, 130; Pine Siskin, 2; Am. Goldfinch, 162; Rufous-sided Towhee, 98; Savannah Sparrow, **239**; Sharp-tailed Sparrow, 1; Slate-colored Junco, 79; Tree Sparrow, 33; Field Sparrow, 126; White-throated Sparrow, 538; Fox Sparrow, **28**; Swamp Sparrow, **726**; Song Sparrow, 322. **Total,** 105 species; about 57,773 individuals. (Seen in area count period, but not on count day: Black-capped Chickadee, Pine Warbler, Yellow-throat.)—Mrs. John C. Bauer, Walter M. Booth, Mrs. R. D. Cole, Betty Fisher, Ira N. Gabrielson, Douglas Hackman, Helen Fessenden, Gordon A. Knight, Brooke Meanley, Bruce I. Nesbitt, Geoffry Nesbitt, Stephen A. Nesbitt, Chandler S. Robbins (compiler), Betsy Schaffer, Robert E. Stewart, Ted W. Stiles, John Terborgh, John S. Webb, John Weske, Alden Willoughby, John E. Willoughby (Maryland Ornithological Society).

184. Triadelphia Reservoir, Md. (all points within a 15-mile diameter circle, center 3 miles ESE of Brighton Dam as in previous 11 years; reservoirs 15%, woodland 40%, fields and pastures 30%, residential 15%).—Jan. 1; 5 a.m. to 5:30 p.m. Clear; temp. 23° to 40°; wind N, 10 m.p.h.; water areas open, ground bare. Twenty-three observers in 9 parties. Total party-hours, 107 (73 on foot, 34 by car); total party-miles, 432 (72 on foot, 360 by car). ► Horned Grebe, 5; **Western Grebe, 1** (present since Nov. 22—many observers); Pied-billed Grebe, 2; Great Blue Heron, 6; Canada Goose, 28; Mallard, 150; Black Duck, 461; Pintail, 1; Green-winged Teal, 2; Am. Widgeon, 25; Shoveler, 2; Wood Duck, 2; Common Goldeneye, 12; Bufflehead, 1; Oldsquaw, 1; Ruddy Duck, 1; Hooded Merganser, 14; Common Merganser, 46; Turkey Vulture, 300; Black Vulture, 18; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 10; Red-shouldered Hawk, 15; Marsh Hawk, 7; Sparrow Hawk, 31; Bobwhite, 32; Killdeer, 57; Common Snipe, 1; Mourning Dove, 251; Screech Owl, 11; Great Horned Owl, 5; Barred Owl, 4; Belted Kingfisher, 4; Yellow-shafted Flicker, 56; Red-bellied Woodpecker, 92; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 30; Downy Woodpecker, 163; Horned Lark, 96; Blue Jay, **1018**; Common Crow, 1231; Fish Crow, 4; Carolina Chickadee, 381; Tufted Titmouse, 219; White-breasted Nuthatch, 93; Red-breasted Nuthatch, 8; Brown Creeper, 17; Winter Wren, 10; Carolina Wren, 64; Mockingbird, **218**; **Catbird, 1**; Robin, 47; Hermit Thrush, 2; Eastern Bluebird, 53; Golden-crowned Kinglet, 64; Ruby-crowned Kinglet, 4; Cedar Waxwing, 98; Loggerhead Shrike, 2; Starling, **5646**; Myrtle Warbler, 40; House Sparrow, **987**; Eastern Meadowlark, **384**; Redwinged Blackbird, 193; Rusty Blackbird, 1; Brown-headed Cowbird, **617**; Cardinal, **359**; Evening Grosbeak, 2;

Purple Finch, 77; Common Redpoll, 3; Pine Siskin, 2; Am. Goldfinch, 539; Rufous-sided Towhee, 24; Savannah Sparrow, 1; Vesper Sparrow, 2; Slate-colored Junco, 1606; Tree Sparrow, 244; Field Sparrow, 325; White-crowned Sparrow, 36; White-throated Sparrow, 1256; Fox Sparrow, 2; Swamp Sparrow, 27; Song Sparrow, 372. **Total,** 83 species; about 18,228 individuals. (Seen in area count period, but not on count day: Ring-necked Duck, Am. Coot, Herring Gull, Ring-billed Gull, Water Pipit.)—Walter M. Booth, David Bridge, Mrs. Richard D. Cole, David H. Fales, John H. Fales, Ronald Feller, Helen Fessenden, Aelred D. Geis, Irving E. Hampe, Margaret Low, Seth H. Low (compiler), Seth T. Low, Mrs. G. C. Munro, John W. Richards, Chandler S. Robbins, Jane Robbins, Stuart Robbins, Betsy Schaffer, Paul Springer, Ted Stiles, John S. Webb, John S. Weske, John Willoughby.

185. Washington, D. C. (all points within a 15-mile diameter circle, center on Navy Annex Building since 1943).—Dec. 26; 5:30 a.m. to 5:15 p.m. Cloudy; temp. 37° to 50°; wind SW, 0-8 m.p.h.; ground wet, ice on small ponds, fog reduced visibility to ½ mile. Seventy-nine observers in 31 parties plus 5 persons at feeding stations. Total party-hours, 273 (249 on foot, 22 by car, 2 by canoe); total party-miles, 411 (165 on foot, 242 by car, 4 by canoe). ► Common Loon, **14**; Pied-billed Grebe, 1; Great Blue Heron, 32; Black-crowned Night Heron, 4; **Yellow-crowned Night Heron, 1**; Mallard, 211; Black Duck, 702; Gadwall, 1; Pintail, **1901**; Green-winged Teal, 463; Am. Widgeon, 143; Shoveler, 7; Ring-necked Duck, 3; Canvasback, 2; Greater Scaup, 3; Lesser Scaup, 27; Bufflehead, 65; Oldsquaw, 1; **Common Scoter, 2** (carefully identified with 20X scope); Ruddy Duck, **5676**; Hooded Merganser, 2; Common Merganser, 215; Red-breasted Merganser, 24; Turkey Vulture, 180; Black Vulture, 15; Sharp-shinned Hawk, 3; Red-tailed Hawk, 17; Red-shouldered Hawk, 14; Bald Eagle, 3; Marsh Hawk, 4; Sparrow Hawk, 18; Bobwhite, 98; Killdeer, 234; Common Snipe, 4; **Glaucous Gull, 1** (carefully identified—J.A.); Herring Gull, 3593; Ring-billed Gull, 4396; Mourning Dove, 448; Barn Owl, 1; Great Horned Owl, 2; Barred Owl, 3; Short-eared Owl, 1; Belted Kingfisher, 14; Yellow-shafted Flicker, 118; Pileated Woodpecker, 5; Red-bellied Woodpecker, 136; Red-headed Woodpecker, **6**; Yellow-bellied Sapsucker, 13; Hairy Woodpecker, 24; Downy Woodpecker, 217; Horned Lark, 5; Blue Jay, **931**; Common Crow, 1181; Fish Crow, 93; Black-capped Chickadee, 3; Carolina Chickadee, 634; Tufted Titmouse, 475; White-breasted Nuthatch, 183; Red-breasted Nuthatch, 1; Brown Creeper, 13; House Wren, 2; Winter Wren, 9; Carolina Wren, 280; Long-billed Marsh Wren, 10; Short-billed Marsh Wren, 3; Mockingbird, **431**; Catbird, 2; Robin, 62; Hermit Thrush, 3; Eastern Bluebird, 24; Golden-crowned Kinglet, 40; Ruby-crowned Kinglet, 3; Cedar Waxwing, 47; Starling, **105,700**; Myrtle Warbler, 61; House Sparrow, **1257**; Eastern Meadowlark, 27; Redwinged Blackbird, **3216**; Rusty Blackbird, **224**; Common Grackle, 11; Brown-headed Cowbird, 528; Cardinal, 765; Evening Grosbeak, 6; Purple Finch, 224; **Common Redpoll, 4**; Pine Siskin, 17; Am. Goldfinch, 736; Rufous-sided Towhee, 45; Savannah Sparrow, 4; Vesper Sparrow, **22**; Slate-colored Junco, 2116; Tree Sparrow, 78; Chipping Sparrow, 4; Field Sparrow, 195; White-crowned Sparrow, 4; White-throated Sparrow, 1404; Fox Sparrow, 3; Swamp Sparrow, 134; Song Sparrow, 760. **Total,** 99 species; about 141,048 individuals.—J. M. Abbott, K. E. Adkisson, E. Arnold, M. Bell, L. T. Berry, J. Boyd, S. A. Briggs, R. Burnham, D. Butcher, M. Butcher, W. Chaffey, N. Cooley, J. H. Criswell, V. Daiker, E. G. Davis, W. DelGrande, Mr. and Mrs. M. B. Donnald D. Dreese, P. A. DuMont, R. L. Farr, A. H. Fast, J. Gardner, L. Garges, L. Garvin, M. Gilbert, G. Golding, L. Goldman, D. Grautoff, W. Grautoff, Mr. and Mrs. F. Halley, J. W. Hanes, E. J. Hayward, Wilmer A. Hill, C. R. Hough, C. R. Hough, Jr., D. F. Keeney, L. S. Keeney, K. M. Laupp, R. E. Lawrence, P. Mannen, C. N. Mason, K. Mason, G. M. Meade, J. Meade, C. McLean, R. McLean, J. A. Middleton, M. Miller, L. Morgan, M. Mull, W. P. Mull, M. Newlon, A. Niebuhr, E. C. Niebuhr, Mrs. F. Over, D. A. Pierce, E. Rogers, Mrs. D. Ruch, A. F. Ryan, M. P. Ryan, M. P. Ryan, Jr., G. H. Sigel, T. M. Sigel, P. N. Shelton, C. Slusher, H. Stabler, K. Stecher, G. Stoddart, H. A. Sutton (compiler), M. Teele, R. Teele, M. Theban, G. Trowbridge, R. Watson, N. Watts, H. Williams, E. Williams, J. Willoughby, J. Wright.

186. Back Bay National Wildlife Refuge, Va. (all points within a 15-mile diameter circle, center 1½ miles east of Back Bay, including refuge and much of mainland of Princess Anne County; open farmland 20%, pine woodland 10%, deciduous woodland 20%, open beach 5%, marshes and bay 45%).—Dec. 26; 4:45 a.m. to 5:15 p.m. Foggy until 10 a.m., then clear; temp. 36° to 61°; wind NW to SW, 2-5 m.p.h.; ground bare, water open. Thirteen observers in 4 parties. Total party-hours, 41 (26 on foot, 15 by car); total party-miles, 245 (30 on foot, 215 by car). ► Common Loon, 4; Red-throated Loon, 4; Horned Grebe, 56; Pied-billed Grebe, 15; Gannet, 2; Double-crested Cormorant, 1; Great Blue Heron, 1; Common Egret, 10; Am. Bittern, 5; Whistling Swan, 1200; Canada Goose, 7000; Snow Goose, 29,000; Mallard, 600; Black Duck, 1300; Gadwall, 26; Pintail, 900; Green-winged Teal, 600; Am. Widgeon, 450; Shoveler, 45; Ring-necked Duck, 800; Canvasback, 1200; Lesser Scaup, 1; Bufflehead, 31; Oldsquaw, 1; White-winged Scoter, 28; Surf Scoter, 16; Common Scoter, 6; Ruddy Duck, 500; Hooded Merganser, 1; Common Merganser, 10; Red-breasted Merganser, 24; Turkey Vulture, 10; Black Vulture, 4; Cooper's Hawk, 2; Red-tailed Hawk, 4; Red-shouldered Hawk, 13; **Rough-legged Hawk, 1** (present couple weeks); Marsh Hawk, 18; Sparrow Hawk, 50; Bobwhite, 16; King Rail, 8; Clapper Rail, 2; Common Gallinule, 1; Am. Coot, 20; Killdeer, 42; Common Snipe, 54; Greater Yellowlegs, 2; Sanderling, 18; Great Black-backed Gull, **106**; Herring Gull, 862; Ring-billed Gull, 624; Bonaparte's Gull, 3; Royal Tern, 3; Mourning Dove, 15; Screech Owl, 2; Great Horned Owl, 2; Barred Owl, 9; **Saw-whet Owl, 1** (W.F.R.); Belted Kingfisher, 9; Yellow-shafted Flicker, 70; Pileated Woodpecker, 6; Red-bellied Woodpecker, 33; Red-headed Woodpecker, 2; Yellow-

bellied Sapsucker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 29; **Western Kingbird, 1** (seen again next day—6 observers); Eastern Phoebe, 2; Horned Lark, 1; Tree Swallow, 14; Blue Jay, 2; Common Crow, 284; Fish Crow, 24; Carolina Chickadee, 129; Tufted Titmouse, 22; White-breasted Nuthatch, 3; Brown-headed Nuthatch, 65; Brown Creeper, 9; House Wren, 5; Winter Wren, 6; Carolina Wren, 114; Long-billed Marsh Wren, 15; Short-billed Marsh Wren, 26; Mockingbird, 139; Catbird, 84; Brown Thrasher, 14; Robin, 430; Hermit Thrush, 17; Eastern Bluebird, 89; Golden-crowned Kinglet, 81; Ruby-crowned Kinglet, 9; Water Pipit, 91; Cedar Waxwing, 17; Loggerhead Shrike, 1; Starling, 1766; Myrtle Warbler, 2398; Pine Warbler, 6; Palm Warbler, 4; Yellowthroat, 29; Yellow-breasted Chat, 4; House Sparrow, 260; Eastern Meadowlark, 171; Redwinged Blackbird, 4208; Common Grackle, 40; Brown-headed Cowbird, 607; Cardinal, 228; Purple Finch, 21; Pine Siskin, 11; Am. Goldfinch, 473; Rufous-sided Towhee, 102; Savannah Sparrow, 477; Sharp-tailed Sparrow, 6; Slate-colored Junco, 75; Tree Sparrow, 1; Chipping Sparrow, 5; Field Sparrow, 257; White-throated Sparrow, 584; Fox Sparrow, 89; Swamp Sparrow, 509; Song Sparrow, 484; Snow Bunting, 2. **Total,** 121 species; about 60,394 individuals.—S. E. Breneiser, Mrs. F. C. Burford, J. S. Calver, S. D. Fretwell, Mrs. G. E. Garrett, A. D. Grimm, Gisela Grimm, H. A. Hespenheide, D. W. Lamm, W. F. Rountrey, P. W. Sykes, Jr. (compiler), E. G. Webster, Jr., C. S. Yelverton.

187. Big Flat Mountain, Va. (all points within a 15-mile diameter circle, center on Pasture Fence Mountain as in previous years; mostly in southern Shenandoah National Park).—Dec. 23; 7 a.m. to 5 p.m. Partly cloudy; temp. 15° to 28°; wind W, 0-2 m.p.h. One observer. Total hours, 10 (on foot); total miles, 18 (on foot). ► Mallard, 1; Red-tailed Hawk, 4; Ruffed Grouse, 9; Bobwhite, 7; Turkey, 1; Yellow-shafted Flicker, 2; Pileated Woodpecker, 8; Red-bellied Woodpecker, 1; Yellow-bellied Sapsucker, 5; Hairy Woodpecker, 5; Downy Woodpecker, 11; Blue Jay, 8; Common Raven, 3; Common Crow, 114; Carolina Chickadee, 48; Tufted Titmouse, 9; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 7; Brown Creeper, 3; Winter Wren, 2; Carolina Wren, 9; Mockingbird, 6; Robin, 9; Hermit Thrush, 2; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 1; Rusty Blackbird, 2; Cardinal, 25; Purple Finch, 27; Am. Goldfinch, 6; Slate-colored Junco, 134; Tree Sparrow, 2; Field Sparrow, 19; White-throated Sparrow, 53; Song Sparrow, 15. **Total,** 35 species; about 561 individuals.—Charles E. Stevens.

188. Blacksburg, Va. (all points within a 15-mile diameter circle, center Linkous Store as last year; pasture and plowed land 20%, town and suburbs 10%, virgin White Oak woodlots 20%, mixed pine and oak woods 20%, river and creek bottoms 30%).—Dec. 28; 6 a.m. to 6 p.m. Cloudy, rain, finally clear; temp. 52° to 55°; wind SW, 0-10 m.p.h.; ground bare, ponds and streams open. Fourteen observers in 6 parties. Total party-hours, 44 (36 on foot, 8 by car); total party-miles, 174 (35 on foot, 139 by car). ► Pied-billed Grebe, 3; Mallard, 67; Black Duck, 16; Gadwall, 3; Pintail, 4; Am. Widgeon, 67; Ring-necked Duck, 17; Lesser Scaup, 97; Common Goldeneye, 15; Bufflehead, 59; Hooded Merganser, 6; Turkey Vulture, 27; Black Vulture, 26; Sharp-shinned Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 11; Ruffed Grouse, 2; Bobwhite, 58; Am. Coot, 1; Killdeer, **65**; Mourning Dove, 169; Screech Owl, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 7; Pileated Woodpecker, 9; Red-bellied Woodpecker, 5; Red-headed Woodpecker, 5; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 33; Eastern Phoebe, 1; Horned Lark, 39; Blue Jay, 130; Common Crow, 787; Black-capped Chickadee, 4; Carolina Chickadee, 117; Tufted Titmouse, 105; White-breasted Nuthatch, 21; Red-breasted Nuthatch, 13; Brown Creeper, 6; Winter Wren, 6; Carolina Wren, 49; Mockingbird, 44; Catbird, 1; Robin, 76; Eastern Bluebird, 19; Golden-crowned Kinglet, 17; Ruby-crowned Kinglet, 2; Cedar Waxwing, 14; Loggerhead Shrike, 6; Starling, 1346; Myrtle Warbler, 5; House Sparrow, 323; Eastern Meadowlark, 24; Redwinged Blackbird, 6; Rusty Blackbird, 15; Brown-headed Cowbird, 100; Cardinal, 102; Purple Finch, 31; Pine Siskin, **27**; Am. Goldfinch, **339**; Rufous-sided Towhee, 4; Slate-colored Junco, 214; Field Sparrow, 101; White-crowned Sparrow, 105; White-throated Sparrow, 37; Swamp Sparrow, 1; Song Sparrow, 114. **Total,** 68 species; about 5133 individuals. (Seen in area count period, but not on count day: Great Blue Heron, Red-tailed Hawk, Common Snipe, Evening Grosbeak.)—Donald G. Cochran, Richard V. Dietrich, Maynard G. Hale, Charles O. Handley, Jr., Martha N. Kline, Burd S. McGinnes, Henry S. Mosby, John W. Murray (compiler), Curtis W. Roane, G. Myron Shear, Allan Smyth, Ellison A. Smyth, Mrs. E. A. Smyth, E. Adger Smyth, Jr.

189. Brooke, Va. (all points within a 15-mile diameter circle, center on west bank of Potomac River at mouth of Aquia Creek, but only triangular area in Va. between Widewater and Potomac Creek southeast of R. F. and P. Railroad covered; tidal water 19%, marsh 5%, swamp 5%, fields 10%, hedgerows 9%, mixed forest edge 16%, deciduous woods 30%, pine woods 1%, slash 5%).—Dec. 23; 6:15 a.m. to 5 p.m. Clear a.m., cloudy p.m.; temp. 16° to 32°; wind N to NE, 15-10 m.p.h.; ground bare, edges of tidal bays with new ice, marshes partly frozen. Fifteen observers in 8 parties. Total party-hours, 56; total party-miles, 35 (all on foot). ► Common Loon, 1; Horned Grebe, 8; Pied-billed Grebe, 1; Great Blue Heron, 22; Whistling Swan, 185; Canada Goose, 2; Mallard, 40; Black Duck, 300; Gadwall, 1; Am. Widgeon, 18; Canvasback, 70; Lesser Scaup, 160; Common Goldeneye, 4; Bufflehead, 50; Ruddy Duck, **8000**; Hooded Merganser, 1; Common Merganser, 450; Red-breasted Merganser, 30; Turkey Vulture, 7; **Goshawk, 1** (W.H., T.N.); Red-tailed Hawk, 1; Red-shouldered Hawk, 4; Bald Eagle, 11; Sparrow Hawk, 6; Bobwhite, 54; Killdeer, 43; **Am. Woodcock, 1**; Common Snipe, 10; **Great Black-backed Gull, 1**; Herring Gull, 120; Ring-billed Gull, 60; Mourning Dove, 80; Great Horned Owl, 1; Belted Kingfisher, 7; Yellow-shafted Flicker, 50; Pileated Woodpecker, 16; Red-bellied Woodpecker, 50; Red-

headed Woodpecker, 16; Yellow-bellied Sapsucker, 19; Hairy Woodpecker, 6; Downy Woodpecker, 80; Horned Lark, 15; Blue Jay, 250; Common Crow, 160; Fish Crow, 2; Carolina Chickadee, 170; Tufted Titmouse, 70; White-breasted Nuthatch, 8; Brown Creeper, 3; Winter Wren, 5; Carolina Wren, 60; Mockingbird, 70; Brown Thrasher, 2; Robin, 330; Hermit Thrush, 11; Eastern Bluebird, 25; Golden-crowned Kinglet, 20; Ruby-crowned Kinglet, 7; Cedar Waxwing, 90; Starling, 170; Myrtle Warbler, 45; **Yellow-breasted Chat, 1** (W.H., T.N.); House Sparrow, 50; Eastern Meadowlark, 90; Redwinged Blackbird, 250; Rusty Blackbird, 46; Brown-headed Cowbird, 200; Cardinal, 250; Purple Finch, 40; Am. Goldfinch, 90; Rufous-sided Towhee, 42; Savannah Sparrow, 2; Slate-colored Junco, 800; Tree Sparrow, 40; Field Sparrow, 150; White-throated Sparrow, 1000; Fox Sparrow, 7; Swamp Sparrow, 23; Song Sparrow, 400. **Total,** 79 species; about 14,981 individuals.—C. Anderson, Roy Bailey, A. Baker, Henry Bell III, John Eric, Andrew Griscom, Warren Hobbs, Luna Leopold, Edwin McKnight (compiler), Thomas Nolan, W. Rubey, Brian Skinner, Robert Smith, David Stewart, Amos White.

190. **Charlottesville, Va.** (all points within a 15-mile diameter circle, center about 2 miles east of Ivy; about same area and habitats as in previous years).—Jan. 3; 6:45 a.m. to 6 p.m. Clear; temp. 38° to 58°; wind W, 5-30 m.p.h. Five observers in 4 parties. Total party-hours, 33 (29 on foot, 4 by car); total party-miles, 150 (43 on foot, 107 by car). ► Horned Grebe, 1; Pied-billed Grebe, 2; Canada Goose, 47 (most or all feral); Mallard, 30; Black Duck, 54; Pintail, 2; **Blue-winged Teal, 1**; Wood Duck, 2; Lesser Scaup, 2; Hooded Merganser, 2; Turkey Vulture, 76; Black Vulture, 85; Sharp-shinned Hawk, 2; Cooper's Hawk, 2; Red-tailed Hawk, 6; Red-shouldered Hawk, 1; Sparrow Hawk, 3; Bobwhite, 115; Killdeer, 62; Common Snipe, 3; Mourning Dove, 897; Belted Kingfisher, 5; Yellow-shafted Flicker, 15; Pileated Woodpecker, 9; Red-bellied Woodpecker, 23; Red-headed Woodpecker, **18**; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 19; Eastern Phoebe, 1; Horned Lark, 2; Blue Jay, 131; Common Crow, 722; Fish Crow, 1; Carolina Chickadee, 80; Tufted Titmouse, 55; White-breasted Nuthatch, 9; Red-breasted Nuthatch, 4; Brown Creeper, 1; Winter Wren, 6; Carolina Wren, 59; Mockingbird, 77; Catbird, 1; Robin, 77; Hermit Thrush, 2; Eastern Bluebird, 39; Golden-crowned Kinglet, 14; Ruby-crowned Kinglet, 1; Water Pipit, 22; Cedar Waxwing, 49; Loggerhead Shrike, 3; Starling, 478; Myrtle Warbler, 4; House Sparrow, 15; Eastern Meadowlark, 220; Redwinged Blackbird, 68; Brown-headed Cowbird, 2; Cardinal, 259; Evening Grosbeak, 32; Purple Finch, 77; Pine Siskin, 10; Am. Goldfinch, 39; Rufous-sided Towhee, 31; Slate-colored Junco, 717; Tree Sparrow, 2; Field Sparrow, 152; White-throated Sparrow, 251; Fox Sparrow, 9; Swamp Sparrow, 9; Song Sparrow, 192. **Total,** 70 species; about 5412 individuals.—Steve Calver, Mrs. C. O. Gregory, Kenneth Lawless, Robert S. Merkel, Charles E. Stevens (compiler).

191. **Chincoteague National Wildlife Refuge, Va.** (all points within a 15-mile diameter circle, center 2 miles north of center of Chincoteague as in previous 5 years; open farmland 10%, insular pine woodland 10%, mainland pine and mixed woodland 7%, low pine and myrtle 7%, fresh-water marshes and impoundments 15%, salt marshes 27%, sheltered bays 10%, dunes 7%, mud and sand flats 2%, ocean beach 5%).—Dec. 29; 4:30 a.m. to 5 p.m. Overcast, intermittent heavy fog and rain; temp. 42° to 48°; wind SW to NE to NW, 5-12 m.p.h.; ground bare, water open, extremely high tides. Seventeen observers in 5 parties. Total party-hours, 41 (29 on foot, 7 by car, 5 by motorboat); total party-miles, 148 (21 on foot, 110 by car, 17 by boat). ► Common Loon, 15; Red-throated Loon, 2; Red-necked Grebe, 1; Horned Grebe, 54; Pied-billed Grebe, 7; Great Blue Heron, 36; Little Blue Heron, 1; Common Egret, 4; Louisiana Heron, 3; Am. Bittern, 2; **Glossy Ibis, 3** (F.R.S., *et al.*); **Mute Swan, 4** (E.D., G.M., *et al.*); Whistling Swan, 129; Canada Goose, 196; Brant, 12,000; Snow Goose, 822; Mallard, 340; Black Duck, 3700; Gadwall, 115; Pintail, 625; Green-winged Teal, 1000; Am. Widgeon, 3700; Shoveler, 234; Ring-necked Duck, 1; Canvasback, 7; Common Goldeneye, 53; Bufflehead, 44; Oldsquaw, 6; White-winged Scoter, 11; Surf Scoter, 186; Common Scoter, 35; Ruddy Duck, 3; Hooded Merganser, 23; Red-breasted Merganser, 62; Turkey Vulture, 5; Sharp-shinned Hawk, 1; Red-tailed Hawk, 3; Red-shouldered Hawk, 2; Rough-legged Hawk, 2; Marsh Hawk, 15; **Pigeon Hawk, 1**; Sparrow Hawk, 7; Bobwhite, 3; Clapper Rail, 27; Am. Coot, 115; **Am. Oystercatcher, 3** (2 locations by 2 parties); Killdeer, 1; Black-bellied Plover, 82; Ruddy Turnstone, **35**; Am. Woodcock, 1; Common Snipe, 23; Greater Yellowlegs, 27; Lesser Yellowlegs, 1; **Knot, 10**; Dunlin, 880; dowitcher (sp.), 4; Semipalmated Sandpiper, 122; Sanderling, 864; **Glaucous Gull, 1** (close study—J.A., L.G.); Great Black-backed Gull, 92; Herring Gull, 1610; Ring-billed Gull, 80; Bonaparte's Gull, 4; Mourning Dove, 4; Great Horned Owl, 2; Short-eared Owl, 3; Belted Kingfisher, 11; Yellow-shafted Flicker, 88; Red-bellied Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 13; Horned Lark, 16; Common Crow, 1400; Fish Crow, 600; Carolina Chickadee, 31; Tufted Titmouse, 4; Red-breasted Nuthatch, 3; Brown-headed Nuthatch, 7; Brown Creeper, 1; Carolina Wren, 31; Long-billed Marsh Wren, 1; Mockingbird, 15; Catbird, 5; Brown Thrasher, 2; Robin, 100; Hermit Thrush, 5; **Swainson's Thrush, 1** (carefully identified—M.G., G.P.); Eastern Bluebird, 16; Golden-crowned Kinglet, 11; Cedar Waxwing, 47; Starling, 101; Myrtle Warbler, 1738; Pine Warbler, 1; Palm Warbler, 3; Yellowthroat, 2; **Yellow-breasted Chat, 1** (H.S.); House Sparrow, 98; Eastern Meadowlark, 510; Redwinged Blackbird, 789; Rusty Blackbird, 11; Boat-tailed Grackle, 705; Common Grackle, 183; Cardinal, 53; Evening Grosbeak, 1; Purple Finch, 1; Am. Goldfinch, 29; Rufous-sided Towhee, 39; Ipswich Sparrow, 1; Savannah Sparrow, 68; Sharp-tailed Sparrow, 53; Seaside Sparrow, 9; Slate-colored Junco, 37; Field Sparrow, 82; White-throated Sparrow, 255; Fox Sparrow, 42; Swamp Sparrow, 88; Song Sparrow, 189; Snow Bunting, 13. **Total,** 118 species; about

34,967 individuals. (Seen in area count period, but not on count day: Loggerhead Shrike.)—J. M. Abbott, E. G. Davis, P. A. DuMont, M. M. Gilbert, L. C. Goldman, F. C. Hill, O. D. Justice, Tony Kitzinger, T. W. Martin, G. M. Meade, J. B. Meade, M. C. Newlon, Gertrude Prior, R. L. Pyle, F. R. Scott (compiler), Harriet A. Sutton, H. L. Wessells.

192. Fort Belvoir, Va. (all points within a 15-mile diameter circle, center on Lebanon as last year; tidal water 30%, deciduous woods 25%, pine woods 10%, pasture 10%, open fields 10%, town suburbs 10%, cattail marsh 5%).—Jan. 2; 6 a.m. to 4:30 p.m. Partly overcast; temp. 28° to 38°; wind SE, 0-5 m.p.h.; ground bare, streams and marshes partly frozen. Thirty-nine observers in 15 parties. Total party-hours, 109 (82 on foot, 27 by car); total party-miles, 322 (57 on foot, 265 by car). ► Horned Grebe, 4; Pied-billed Grebe, 1; Great Blue Heron, 7; **Whistling Swan, 1**; Canada Goose, 168; Mallard, 32; Black Duck, 854; **Gadwall, 1**; Pintail, 4; **Ring-necked Duck, 81**; Greater Scaup, 480+; Lesser Scaup, 320; Bufflehead, 70; Ruddy Duck, 2166; Hooded Merganser, 3; Common Merganser, 263; Red-breasted Merganser, 9; Turkey Vulture, 2; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 13; Red-shouldered Hawk, 10; Bald Eagle, 10; Marsh Hawk, 5; **Pigeon Hawk, 1**; Sparrow Hawk, 11; Bobwhite, 112; Am. Coot, 2; Killdeer, 44; Herring Gull, 253; Ring-billed Gull, 1072; **Common Tern, 3** (carefully identified—Mr. and Mrs. G. R.); Mourning Dove, 215; Barn Owl, 1; Great Horned Owl, 6; Belted Kingfisher, 14; Yellow-shafted Flicker, 90; Pileated Woodpecker, **24**; Red-bellied Woodpecker, 120; Red-headed Woodpecker, 3; Yellow-bellied Sapsucker, 5; Hairy Woodpecker, 20; Downy Woodpecker, 169; Horned Lark, 1; Blue Jay, **724**; Common Crow, 362; Fish Crow, 32; Black-capped Chickadee, 14; Carolina Chickadee, 394; Tufted Titmouse, 299; White-breasted Nuthatch, 71; Red-breasted Nuthatch, 2; Brown Creeper, 23; Winter Wren, 16; Carolina Wren, 126; Long-billed Marsh Wren, 2; Mockingbird, 243; **Catbird, 2**; Robin, **2750**; Hermit Thrush, 4; Eastern Bluebird, 64; Golden-crowned Kinglet, 72; Ruby-crowned Kinglet, 1; Cedar Waxwing, 320; Starling, 1128; Myrtle Warbler, 53; House Sparrow, 446; Eastern Meadowlark, **284**; Redwinged Blackbird, 970; **Baltimore Oriole, 1**; Rusty Blackbird, 77; Brown-headed Cowbird, 11; Cardinal, **505**; Evening Grosbeak, 82; Purple Finch, 163; Pine Siskin, 3; Am. Goldfinch, 740; Rufous-sided Towhee, **53**; Savannah Sparrow, 1; Slate-colored Junco, 1679; Tree Sparrow, 53; Field Sparrow, 297; White-throated Sparrow, 1535; Fox Sparrow, 7; Swamp Sparrow, 34; Song Sparrow, 509. **Total,** 86 species; about 20,825 individuals.—J. M. Abbott (compiler), Louise Berry, Ron Chiabotta, Dr. and Mrs. E. G. Davis, Paul Dowling, P. A. DuMont, Mr. and Mrs. J. W. Eike, George Golding, Ed Hayward, W. A. Houston, Pauline Houston, Gordon Meade, Jim Meade, Gerald Mersereau, J. Middleton, Dick Middleton, Lois Morgan, Peter Pyle, R. Pyle, Mr. and Mrs. Gus Rothery, Napier Shelton, Harriet Sutton, Mr. and Mrs. Ray P. Teale, G. Fox Trowbridge, Ricky Trowbridge, John Weske.

193. Glade Spring, Va. (all points within a 15-mile diameter circle, center western town limits at railroad, including towns of Emory and Saltville, Walker Mountain, South Fork Holston River; farmland and pasture 35%, deciduous woods 25%, mixed pine and deciduous woods 22%, riverbottoms 15%, marsh and ponds 3%).—Dec. 27; 7 a.m. to 5:30 p.m. Partly cloudy; temp. 45° to 65°; wind SE, 0-8 m.p.h. Two observers in 1 party. Total party-hours, 10½ (7½ on foot, 3 by car); total party-miles, 55 (5 on foot, 50 by car). ► Mallard, 65; Black Duck, 6; Green-winged Teal, 1; Turkey Vulture, 16; Black Vulture, 20; Cooper's Hawk, 1; Red-tailed Hawk, 1; Sparrow Hawk, 3; Am. Coot, 13; Killdeer, 40; Common Snipe, 2; Mourning Dove, 20; Great Horned Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Pileated Woodpecker, 3; Red-bellied Woodpecker, 4; Yellow-bellied Sapsucker, 1; Downy Woodpecker, 8; Blue Jay, 25; Common Crow, 97; Carolina Chickadee, 17; Tufted Titmouse, 13; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 2; Brown Creeper, 2; Winter Wren, 1; Carolina Wren, 9; Mockingbird, 7; **Catbird, 1**; Robin, 2; Eastern Bluebird, 1; Golden-crowned Kinglet, 5; Cedar Waxwing, 9; Loggerhead Shrike, 1; Starling, 47,500; Myrtle Warbler, 1; House Sparrow, 50; Eastern Meadowlark, 15; Redwinged Blackbird, **1000**; Common Grackle, **1000**; Brown-headed Cowbird, **500**; Cardinal, 55; Purple Finch, 2; Am. Goldfinch, 62; Rufous-sided Towhee, 5; Slate-colored Junco, 10; Field Sparrow, 21; White-crowned Sparrow, 12; White-throated Sparrow, 24; Song Sparrow, 24. **Total,** 51 species; about 50,681 individuals. (Seen in area count period, but not on count day: Sharp-shinned Hawk, Bobwhite, Hairy Woodpecker, Rusty Blackbird, Tree Sparrow, Swamp Sparrow.)—Paul S. Dulaney (compiler), Jane D. White.

194. Hopewell, Va. (all points within a 15-mile diameter circle, center in Curles Neck as in last 5 years; includes Presquile National Wildlife Refuge; open farmland 26%, brushy fields 7%, marshes and river shore 30%, deciduous wooded swamp 7%, woodland 30%).—Jan. 3; 6:45 a.m. to 5:15 p.m. Heavy rain early a.m., partly cloudy and very windy by 10 a.m.; temp. 31° to 60°; wind W to NE, 2-20 m.p.h.; ground bare, water open. Four observers in 2 parties. Total party-hours, 13½ (9 on foot, 1½ by car, 3 by motorboat); total party-miles, 55 (6 on foot, 40 by car, 9 by boat). ► Great Blue Heron, 11; Canada Goose, 7500; Snow Goose, 26; Blue Goose, 53; Mallard, 1650; Black Duck, 1000; Pintail, 250; Green-winged Teal, 15; Am. Widgeon, 20; Wood Duck, 275; Redhead, 1; Lesser Scaup, 15; Bufflehead, 23; Ruddy Duck, 164; Common Merganser, 23; Turkey Vulture, 48; Black Vulture, 13; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Bald Eagle, 4; Sparrow Hawk, 4; Killdeer, 25; **Great Black-backed Gull, 1** (adult—F.R.S., *et al.*); Herring Gull, 23; Ring-billed Gull, 905; Mourning Dove, 86; Short-eared Owl, 1; Yellow-shafted Flicker, 32; Red-bellied Woodpecker, 8; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 1; Downy Woodpecker, 10; Horned Lark, 88; Blue Jay, 2; Common Crow, 230; Carolina Chickadee, 20; Tufted Titmouse, 13; White-breasted Nuthatch, 2; Brown Creeper, 4; Winter Wren, 1; Carolina Wren, 19;

Mockingbird, 22; Robin, 263; Eastern Bluebird, 8; Golden-crowned Kinglet, 4; Loggerhead Shrike, 5; Starling, 1500; Myrtle Warbler, 17; House Sparrow, 230; Eastern Meadowlark, 165; Redwinged Blackbird, 406; Common Grackle, 1; Brown-headed Cowbird, **2800** (in fields, not roost); Cardinal, 34; Evening Grosbeak, 21; Purple Finch, 11; Am. Goldfinch, 8; Rufous-sided Towhee, 10; Slate-colored Junco, 140; Field Sparrow, 17; White-throated Sparrow, 185; Fox Sparrow, 1; Swamp Sparrow, 1; Song Sparrow, 56. **Total,** 64 species; about 18,477 individuals.—Cleo Allen, W. C. Good, F. R. Scott (compiler), Mary Tompkins.

195. **Lexington, Va.** (all points within a 15-mile diameter circle, center Washington and Lee University; same area with some change of habitat emphasis; pasture and open farmland 35%, deciduous 20%, cedar and pine 30%, scrub 10%, town areas 5%).—Dec. 28; 5:30 a.m. (1 party), 7 a.m. (2 parties) to 5 p.m. Overcast a.m., rain p.m.; temp. 52° to 56°; no wind. Seven observers in 3 parties. Total party-hours, 29 (25 on foot, 4 by car); total party-miles, 97 (20 on foot, 77 by car). ► **Blue Goose, 1** (present since mid-Oct.); Mallard, 61; Am. Widgeon, 1; Lesser Scaup, 1; Turkey Vulture, 5; Sharp-shinned Hawk, 1; Red-tailed Hawk, 3; Sparrow Hawk, 6; Bobwhite, 31; Killdeer, 32; Common Snipe, 1; Mourning Dove, 103; Belted Kingfisher, 6; Yellow-shafted Flicker, 5; Pileated Woodpecker, 9; Red-bellied Woodpecker, 11; Red-headed Woodpecker, 9; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 25; Eastern Phoebe, 2; Horned Lark, 13; Blue Jay, 63; Common Raven, 1; Common Crow, 170; Black-capped Chickadee, 1; Carolina Chickadee, 51; Tufted Titmouse, 28; White-breasted Nuthatch, 4; Winter Wren, 2; Carolina Wren, 31; Mockingbird, 51; Robin, 18; Eastern Bluebird, 31; Golden-crowned Kinglet, 2; Cedar Waxwing, 69; Loggerhead Shrike, 2; Starling, 488; Myrtle Warbler, 13; House Sparrow, 180; Eastern Meadowlark, 69; Rusty Blackbird, 154; Cardinal, 114; Evening Grosbeak, 22; Purple Finch, 200; Am. Goldfinch, 53; Slate-colored Junco, 176; Tree Sparrow, 28; Field Sparrow, 30; White-crowned Sparrow, 18; White-throated Sparrow, 164; Fox Sparrow, 1; Song Sparrow, 30. **Total,** 53 species; about 2592 individuals. (Seen in area count period, but not on count day: Screech Owl.)—R. P. Carroll, R. P. Carroll, Jr., Nell Loving Deaver, J. J. Murray (compiler), Robert O. Paxton, Robert Stewart, C. Cabell Tutwiler.

196. **Little Creek, Va.** (all points within a 15-mile diameter circle, center 1½ miles NE of Kempsville, including Lynnhaven Inlet, Little Creek, eastern portion of Norfolk City, Stumpy Lake; open farmland 25%, pine woodland 10%, deciduous woodland 50%, salt marsh, sand beach, bay, rivers 10%, suburbs 5%). —Jan. 2; 5:30 a.m. to 5 p.m. Partly cloudy; temp. 35° to 52°; wind NE to SE, 0-10 m.p.h.; ground bare, small bodies of water frozen early a.m. Nine observers in 4 parties. Total party-hours, 41 (30 on foot, 11 by car); total party-miles, 253 (17 on foot, 236 by car). ► Common Loon, 5; Red-throated Loon, 1; Horned Grebe, 82; Pied-billed Grebe, 30; Gannet, 30; Great Blue Heron, 9; **Little Blue Heron, 1**; Common Egret, 1; **Snowy Egret, 3**; **Yellow-crowned Night Heron, 1** (adult at close range); Canada Goose, 636; Mallard, 52; Black Duck, 57; Am. Widgeon, 24; Wood Duck, 9; Ring-necked Duck, 131; Greater Scaup, 2; Lesser Scaup, 10; Common Goldeneye, 67; Bufflehead, 36; Surf Scoter, 2; Ruddy Duck, 8; Hooded Merganser, 26; Red-breasted Merganser, 42; Turkey Vulture, 4; Black Vulture, 5; Cooper's Hawk, 3; Red-tailed Hawk, 4; Red-shouldered Hawk, 11; Bald Eagle, 5; Marsh Hawk, 5; **Osprey, 1** (seen well—W.R., E.W.); Sparrow Hawk, 36; Bobwhite, 70; Clapper Rail, 13; Am. Coot, 30; Killdeer, 82; Common Snipe, 7; Purple Sandpiper, 1; Sanderling, 68; Great Black-backed Gull, 37; Herring Gull, 5980; Ring-billed Gull, 5760; Bonaparte's Gull, 12; Forster's Tern, 20; Royal Tern, 2; Mourning Dove, 292; Screech Owl, 1; Barred Owl, 4; Belted Kingfisher, 11; Yellow-shafted Flicker, 117; Pileated Woodpecker, 11; Red-bellied Woodpecker, 46; Red-headed Woodpecker, 6; Yellow-bellied Sapsucker, 7; Hairy Woodpecker, 8; Downy Woodpecker, 35; Horned Lark, 2; Blue Jay, 13; Common Crow, 329; Fish Crow, 58; Carolina Chickadee, 194; Tufted Titmouse, 70; White-breasted Nuthatch, 6; Brown-headed Nuthatch, 7; Brown Creeper, 9; House Wren, 3; Winter Wren, 9; Carolina Wren, 117; Long-billed Marsh Wren, 4; Mockingbird, 88; Catbird, 9; Brown Thrasher, 16; Robin, 876; Hermit Thrush, 13; **Swainson's Thrush, 1** (all field marks in good light—W.R., E.W.); Eastern Bluebird, 20; Golden-crowned Kinglet, 64; Ruby-crowned Kinglet, 7; Water Pipit, 8; Cedar Waxwing, 62; Loggerhead Shrike, 3; Starling, 3500; Myrtle Warbler, 509; Pine Warbler, 11; Yellowthroat, 6; House Sparrow, 445; Eastern Meadowlark, 396; Redwinged Blackbird, 7430; **Baltimore Oriole, 1** (present 2 weeks); Rusty Blackbird, 15; Common Grackle, 233; Brown-headed Cowbird, 1955; Cardinal, 257; Purple Finch, 28; Pine Siskin, 1; Am. Goldfinch, 161; Rufous-sided Towhee, 91; Savannah Sparrow, 62; Sharp-tailed Sparrow, 20; Seaside Sparrow, 2; Slate-colored Junco, 353; Tree Sparrow, 3; Chipping Sparrow, 2; Field Sparrow, 197; White-throated Sparrow, 692; Fox Sparrow, 36; Swamp Sparrow, 87; Song Sparrow, 116. **Total,** 109 species; about 32,556 individuals.—Dr. and Mrs. W. G. Akers, Mrs. Floy C. Burford, H. A. Hespenheide, Mrs. M. F. Morrisette, W. F. Rountrey, P. W. Sykes, Jr. (compiler), J. R. Vaughan, E. G. Webster, Jr.

197. **Lynchburg, Va.** (all points within a 15-mile diameter circle, center 0.9 mi. south of Lynchburg College, including Old Rivermont Park, Riverside Park, Six Mile, Preston Glenn Airport, Timber Lake, Tomahawk; deciduous woods 65%, pine woods 5%, fields 10%, pasture 5%, river 5%, lake 5%, swamp 5%).—Jan. 2; 7:30 a.m. to 4:30 p.m. Rain and freezing rain; temp. 29° to 32°; wind all directions, 5 m.p.h. Eight observers in 2 parties. Total party-hours, 60 (51 on foot, 9 by car); total party-miles, 141 (46 on foot, 95 by car). ► Pied-billed Grebe, 3; Great Blue Heron, 1; Turkey Vulture, 1; Black Vulture, 1; Red-tailed Hawk, 1; Bobwhite, 18; Killdeer, 6; Mourning Dove, 19; Belted Kingfisher, 2; Yellow-shafted Flicker, 4; Pileated Woodpecker, 1; Red-bellied Woodpecker, 9; Red-headed Woodpecker, 5; Yellow-

bellied Sapsucker, 6; Hairy Woodpecker, 3; Downy Woodpecker, 28; Horned Lark, 39; Blue Jay, 55; Common Crow, 97; Carolina Chickadee, 71; Tufted Titmouse, 30; White-breasted Nuthatch, 11; Red-breasted Nuthatch, 1; Winter Wren, 5; Carolina Wren, 53; Mockingbird, 29; Robin, 20; Eastern Bluebird, 18; Golden-crowned Kinglet, 9; Cedar Waxwing, 12; Starling, 210; Myrtle Warbler, 16; House Sparrow, 1; Eastern Meadowlark, 39; Cardinal, 77; Purple Finch, 37; Am. Goldfinch, 108; Rufous-sided Towhee, 3; Slate-colored Junco, 494; Tree Sparrow, 4; Field Sparrow, 48; White-throated Sparrow, 184; Swamp Sparrow, 4; Song Sparrow, 64; **Snow Bunting, 3. Total,** 45 species; about 1850 individuals.—Virginia Adams, J. L. Chamberlain (compiler), Larry Farmer, David Freer, Ruskin Freer, Morris Tillotson, Grace Wiltshire, John Withrow.

198. Middle Mountain, Va. (all points within a 15-mile diameter circle, center Middle Mountain School in Highland County, including Lantz Mountain, Straight Fork, Middle Mountain, Laurel Fork; 3000-4000 ft. altitude; woodland 65%, spruce areas 10%, pasture 20%, fields 5%).—Dec. 23; 7:30 a.m. to 4:30 p.m. Clear a.m., cloudy p.m.; temp. 8° to 20°; wind SE, 0-5 m.p.h.; ground frozen, 3-6-in. snow. Five observers in 2 parties. Total party-hours, 17 (16 on foot, 1 by car); total party-miles, 23 (9 on foot, 14 by car). ► Sharp-shinned Hawk, 1; Red-tailed Hawk, 1; Ruffed Grouse, 6; Turkey, 4 (seen by a hunter); Pileated Woodpecker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 13; Blue Jay, 9; Common Raven, 4; Common Crow, 5; Black-capped Chickadee, 63; White-breasted Nuthatch, 5; Brown Creeper, 2; Golden-crowned Kinglet, 12; Cardinal, 1; Evening Grosbeak, 13; Slate-colored Junco, 25. **Total,** 17 species; 169 individuals.—R. P. Carroll, R. P. Carroll, Jr., Robert H. Giles, J. J. Murray (compiler), Robert O. Paxton.

199. Nansemond River, Va. (all points within a 15-mile diameter circle, center 1½ miles NE of Driver, including Craney Island disposal area, Nansemond River, Chuckatuck Creek, Chuckatuck; open farmland 30%, pine woodland 10%, deciduous woodland 20%, marsh, beach, rivers, bay 40%).—Dec. 30; 7 a.m. to 5:30 p.m. Clear; temp. 35° to 52°; wind SW, 0-6 m.p.h.; ground bare, water open. Six observers in 3 parties. Total party-hours, 30 (21 on foot, 9 by car); total party-miles, 226 (14 on foot, 212 by car). ► Common Loon, 3; Horned Grebe, 55; Pied-billed Grebe, 9; Double-crested Cormorant, 8; Great Blue Heron, 36; Common Egret, 8; **Yellow-crowned Night Heron, 1** (adult in good light); Canada Goose, 1169; Mallard, 16; Black Duck, 614; Gadwall, 58; Pintail, 455; Green-winged Teal, 28; Am. Widgeon, 949; Shoveler, 17; Ring-necked Duck, 42; Canvasback, 2200; Greater Scaup, 569; Lesser Scaup, 145; Common Goldeneye, 92; Bufflehead, 332; Common Scoter, 1; Ruddy Duck, 7200; Hooded Merganser, 47; Red-breasted Merganser, 61; Turkey Vulture, 24; Black Vulture, 31; Sharp-shinned Hawk, 3; Red-tailed Hawk, 8; Red-shouldered Hawk, 6; Bald Eagle, 1; Sparrow Hawk, 28; Bobwhite, 46; King Rail, 2; Clapper Rail, 4; Sora, 2; Am. Coot, 4; **Piping Plover, 1** (carefully identified); Semipalmated Plover, 6; Killdeer, 56; Black-bellied Plover, 2; **Ruddy Turnstone, 1**; Common Snipe, 2; Purple Sandpiper, 8; Dunlin, 125; Semipalmated Sandpiper, 28; Sanderling, 269; Great Black-backed Gull, 187; Herring Gull, 11,400; Ring-billed Gull, 8700; Laughing Gull, 15; Bonaparte's Gull, 304; Forster's Tern, 54; **Common Tern, 3** (all field marks); **Black Skimmer, 25**; Mourning Dove, 40; Belted Kingfisher, 14; Yellow-shafted Flicker, 57; Pileated Woodpecker, 1; Red-bellied Woodpecker, 20; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 1; Downy Woodpecker, 26; Blue Jay, 113; Common Crow, 5200; Fish Crow, 3100; Carolina Chickadee, 73; Tufted Titmouse, 33; White-breasted Nuthatch, 2; Brown Creeper, 4; House Wren, 2; Winter Wren, 4; Carolina Wren, 165; Long-billed Marsh Wren, 1; Mockingbird, 122; Catbird, 11; Brown Thrasher, 24; Robin, 159; Hermit Thrush, 9; Eastern Bluebird, 32; Golden-crowned Kinglet, 13; Ruby-crowned Kinglet, 4; Water Pipit, 118; Cedar Waxwing, 328; Loggerhead Shrike, 4; Starling, 1173; Myrtle Warbler, 592; Pine Warbler, 6; Palm Warbler, 2; Yellowthroat, 2; House Sparrow, 114; Eastern Meadowlark, 333; Redwinged Blackbird, 1200; Rusty Blackbird, 30; Common Grackle, 2700; Brown-headed Cowbird, 576; Cardinal, 264; Purple Finch, 15; Pine Siskin, 3; Am. Goldfinch, 133; Rufous-sided Towhee, 94; Savannah Sparrow, 13; Sharp-tailed Sparrow, 1; Slate-colored Junco, 315; Chipping Sparrow, 5; Field Sparrow, 100; White-throated Sparrow, 781; Fox Sparrow, 20; Swamp Sparrow, 139; Song Sparrow, 273. **Total,** 111 species; about 54,028 individuals.—S. D. Fretwell, H. A. Hespenheide, R. H. Peake, Jr., W. F. Rountrey, P. W. Sykes, Jr. (compiler), E. G. Webster, Jr.

200. Newport News, Va. (all points within a 15-mile diameter circle, bounded by Chesapeake Bay, Hampton Roads, James River, Grafton; woodland 30%, open fields 30%, fresh-water ponds 10%, waterfront 30%).—Dec. 26; 7 a.m. to 3 p.m. Partly cloudy; temp. 35° to 55°; wind W, 5 m.p.h.; ground bare, water open. Twenty-three observers in 6 parties. Total party-hours, 48 (24 on foot, 24 by car); total party-miles, 293 (32 on foot, 261 by car). ► Common Loon, 3; Red-throated Loon, 1; **Red-necked Grebe, 1**; Horned Grebe, 96; Pied-billed Grebe, 43; Double-crested Cormorant, 21; Great Blue Heron, 11; Common Egret, 3; Canada Goose, 177; Mallard, 72; Black Duck, 19; Gadwall, 11; Am. Widgeon, 634; Ring-necked Duck, 1; Canvasback, 25; Lesser Scaup, 182; Common Goldeneye, 133; Bufflehead, 302; Oldsquaw, 52; White-winged Scoter, 1; Surf Scoter, 150; Common Scoter, 175; Ruddy Duck, 8; Hooded Merganser, 1; Red-breasted Merganser, 12; Turkey Vulture, 2; Black Vulture, 3; Red-shouldered Hawk, 2; Pigeon Hawk, 3; Sparrow Hawk, 9; Bobwhite, 18; Clapper Rail, 9; **Sora, 1** (M.H., N.P.); Killdeer, 67; **Ruddy Turnstone, 1**; Common Snipe, 5; Dunlin, 95; Sanderling, 62; Great Black-backed Gull, 7; Herring Gull, 1594; Ring-billed Gull, 574; Laughing Gull, 24; Bonaparte's Gull, 27; Royal Tern, 1; Mourning Dove, 64; Belted Kingfisher, 13; Yellow-shafted Flicker, 93; Pileated Woodpecker, 2; Red-bellied

Woodpecker, 31; Red-headed Woodpecker, 3; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 15; Eastern Phoebe, 10; Tree Swallow, 89; Blue Jay, 37; Common Crow, 272; Fish Crow, 6; Carolina Chickadee, 69; Tufted Titmouse, 51; White-breasted Nuthatch, 3; Red-breasted Nuthatch, 1; Brown-headed Nuthatch, 3; Brown Creeper, 5; Carolina Wren, 71; Short-billed Marsh Wren, 3; Mockingbird, 151; Catbird, 7; Brown Thrasher, 10; Robin, 52; Eastern Bluebird, 9; Golden-crowned Kinglet, 6; Ruby-crowned Kinglet, 4; Cedar Waxwing, 5; Starling, 3861; **Prothonotary Warbler,** 1 (carefully identified—E.L.M.); Myrtle Warbler, 962; Pine Warbler, 5; Palm Warbler, 1; Yellowthroat, 1; House Sparrow, 488; Eastern Meadowlark, 235; Redwinged Blackbird, 483; Baltimore Oriole, 2; Common Grackle, 38; Brown-headed Cowbird, 3; Cardinal, 107; Evening Grosbeak, 13; Purple Finch, 2; Am. Goldfinch, 80; Rufous-sided Towhee, 84; **Ipswich Sparrow, 3**; Savannah Sparrow, 203; Sharp-tailed Sparrow, 2; Seaside Sparrow, 11; **Vesper Sparrow, 5**; Slate-colored Junco, 267; Field Sparrow, 21; White-throated Sparrow, 288; Fox Sparrow, 44; Swamp Sparrow, 6; Song Sparrow, 211; Snow Bunting, 15. **Total,** 103 species; about 13,170 individuals. —Betty Blair, Frances Cumming, Georgianna Cumming, John Grey, Carl Hacker, C. Hacker, M. E. Hathaway, Norma Katz, Emmy Lou Machen, Pat Miller, Dorothy Mitchell, Mike Mitchell, Dale O'Bannon, Larry Olson, R. E. Olson, Norman Pope, Ash Rawls, Mildred Rawls, C. G. Saunders, Mrs. C. G. Saunders, Doris Smith, W. P. Smith (compiler), Bill Snyder (Hampton Roads Bird Club).

201. Norfolk County, Va. (all points within a 15-mile diameter circle, center 6½ miles NE of Wallaceton, including eastern edge of Dismal Swamp, western part of Northwest River, Great Bridge, Butts Station, Fentress, Deep Creek; open farmland 30%, wooded swampland 24%, mixed woodland 30%, deciduous woodland 5%, pine woodland 10%, marsh 1%).—Dec. 28; 5 a.m. to 5:15 p.m. Rain most of day, clearing late afternoon; temp. 55° to 64°; wind SW to S, 8-15 m.p.h.; ground bare, water open. Eleven observers in 4 parties. Total party-hours, 43 (24 on foot, 19 by car); total party-miles, 319 (17 on foot, 302 by car). ► Pied-billed Grebe, 2; Great Blue Heron, 1; Mallard, 3; Black Duck, 27; Green-winged Teal, 1; Wood Duck, 5; Hooded Merganser, 2; Turkey Vulture, 32; Black Vulture, 47; Sharp-shinned Hawk, 1; Cooper's Hawk, 3; Red-tailed Hawk, 7; Red-shouldered Hawk, 21; Marsh Hawk, 17; Pigeon Hawk, 1; Sparrow Hawk, 43; Bobwhite, 51; **Black Rail, 1** (all field marks—R.P.); Killdeer, 194; Am. Woodcock, 1; Common Snipe, 12; Herring Gull, 38; Ring-billed Gull, 197; Laughing Gull, 1; Mourning Dove, 263; Screech Owl, 3; Great Horned Owl, 2; Barred Owl, 7; Belted Kingfisher, 8; Yellow-shafted Flicker, 103; Pileated Woodpecker, 21; Red-bellied Woodpecker, 61; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 12; Hairy Woodpecker, 36; Downy Woodpecker, 64; Eastern Phoebe, 2; Blue Jay, 34; Common Crow, 3600; Fish Crow, 700; Carolina Chickadee, 133; Tufted Titmouse, 70; White-breasted Nuthatch, 11; Brown-headed Nuthatch, 10; Brown Creeper, 11; House Wren, 8; Winter Wren, 16; Carolina Wren, 166; Long-billed Marsh Wren, 3; Mockingbird, 140; Catbird, 33; Brown Thrasher, 28; Robin, 7000; Hermit Thrush, 23; Eastern Bluebird, 59; Golden-crowned Kinglet, 33; Ruby-crowned Kinglet, 12; Water Pipit, 3; Cedar Waxwing, 243; Loggerhead Shrike, 6; Starling, 5000; **Solitary Vireo, 1** (3 competent observers); Myrtle Warbler, 2271; Pine Warbler, 11; Palm Warbler, 10; Yellowthroat, 6; House Sparrow, 320; Eastern Meadowlark, 202; Redwinged Blackbird, 8,000,000 (blackbirds going to Dismal Swamp roost); Rusty Blackbird, 38; **Brewer's Blackbird, 3** (W.R., J.W.); Common Grackle, 1,000-000; Brown-headed Cowbird, 60,000; Cardinal, 419; Purple Finch, 82; Pine Siskin, 184; Am. Goldfinch, 530; Rufous-sided Towhee, 316; Savannah Sparrow, 142; Slate-colored Junco, 438; Tree Sparrow, 3; Chipping Sparrow, 26; Field Sparrow, 312; White-throated Sparrow, 2898; Fox Sparrow, 91; Swamp Sparrow, 208; Song Sparrow, 616. **Total,** 87 species; about 9,087,761 individuals.—Mrs. Floy C. Burford, J. S. Calver, S. D. Fretwell, A. D. Grimm, Gisela Grimm, H. A. Hespenheide, R. H. Peake, Jr., W. F. Rountrey, P. W. Sykes, Jr. (compiler), E. G. Webster, J. R. Withrow.

202. Rockingham County, Va. (all points within a 15-mile diameter circle, center at Ottobine, including Silver Lake in Dayton; elevation 1160-3200 ft.; lawn and shade trees in town 5%, cottonwood-sycamore riverbottoms 5%, open farmland and farm woodlots 55%, mixed Appalachian conifers and hardwoods in mountains 35%).—Dec. 26; 8 a.m. to 6 p.m. Cloudy; temp. 36° to 50°; wind SW, 0-5 m.p.h.; ground bare, water open. Five observers in 2 parties. Total party-hours, 20 (15 on foot, 5 by car); total party-miles, 119 (24 on foot, 95 by car). ► Pied-billed Grebe, 4; Mallard, 100; Black Duck, 3; Gadwall, 13; Pintail, 9; Am. Widgeon, 70; Shoveler, 1; Redhead, 2; Ring-necked Duck, 6; Turkey Vulture, 45; Black Vulture, 2; Cooper's Hawk, 1; Red-tailed Hawk, 5; Marsh Hawk, 1; Sparrow Hawk, 5; Ruffed Grouse, 4; Bobwhite, 47; Am. Coot, 26; Killdeer, 10; Common Snipe, 1; Mourning Dove, 81; Screech Owl, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 1; Pileated Woodpecker, 4; Red-bellied Woodpecker, 3; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 8; Blue Jay, 34; Common Raven, 3; Common Crow, 195; Fish Crow, 10; Carolina Chickadee, 35; Tufted Titmouse, 13; White-breasted Nuthatch, 4; Carolina Wren, 7; Mockingbird, 24; Robin, 1; Eastern Bluebird, 5; Golden-crowned Kinglet, 5; Loggerhead Shrike, 2; Starling, 248; House Sparrow, 173; Eastern Meadowlark, 57; Cardinal, 55; Am. Goldfinch, 1; Slate-colored Junco, 28; Tree Sparrow, 35; White-crowned Sparrow, 6; White-throated Sparrow, **40**; **Fox Sparrow, 1**; Song Sparrow, 21. **Total,** 53 species; about 1461 individuals.—Max Carpenter (compiler), Ralph D. Hostetter, Harry Jopson, Jack G. Miller, Daniel Suter.

203. Sweet Briar, Va. (all points within a 3-mile diameter circle, center Sweet Briar College; open fields 40%, mixed woodlands 30%, scrub creek bottoms 15%, lake edge 5%, hedgerows 10%).—Jan. 1;

7:30 a.m. to 4:30 p.m. Overcast; temp. 18° to 34°; no wind; ground bare, ponds open. Four observers in 2 parties. Total party-hours, 14 (13½ on foot, ½ by car); total party-miles, 16 (8 on foot, 8 by car). ► Lesser Scaup, 1; Turkey Vulture, 2; Bobwhite, 10; Mourning Dove, 1; Yellow-shafted Flicker, 5; Pileated Woodpecker, 6; Red-bellied Woodpecker, 4; Red-headed Woodpecker, **11**; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 12; Blue Jay, 29; Common Crow, 300; Carolina Chickadee, 37; Tufted Titmouse, 25; White-breasted Nuthatch, 8; Red-breasted Nuthatch, 4; Brown Creeper, 1; Carolina Wren, 18; Mockingbird, 54; Eastern Bluebird, 4; Starling, 700; Myrtle Warbler, 9; House Sparrow, 62; Eastern Meadowlark, 10; Cardinal, 70; Purple Finch, 14; Am. Goldfinch, 2; Rufous-sided Towhee, 2; Slate-colored Junco, 66; Field Sparrow, 42; White-crowned Sparrow, **73**; White-throated Sparrow, 155; Song Sparrow, 16. **Total,** 34 species; about 1756 individuals. (Seen in area count period, but not on count day: Robin.)—Jeanette Boone, Florence Hague, Rod MacPherson, Gertrude Prior (compiler).

204. Warren, Va. (all points within a 15-mile diameter circle, center near Keene as in previous years; open farmland 40%, riverbottom 30%, deciduous woods 20%, pine woods 5%, ponds 5%).—Dec. 30; 6:45 a.m. to 5:30 p.m. Cloudy; temp. 30° to 46°; wind SW, 0-15 m.p.h. Four observers in 3 parties. Total party-hours, 30 (26 on foot, 4 by car); total party-miles, 156 (40 on foot, 116 by car). ► Horned Grebe, 1; Great Blue Heron, 1; **Blue Goose, 1** [no details—Ed.]; Mallard, 8; Black Duck, 4; Green-winged Teal, 1; Am. Widgeon, 47; Bufflehead, 19; Ruddy Duck, 6; Turkey Vulture, 61; Black Vulture, 24; Sharp-shinned Hawk, 1; Red-tailed Hawk, 7; Red-shouldered Hawk, 3; **Rough-legged Hawk, 1** (K.L.); Marsh Hawk, 1; Sparrow Hawk, 7; Bobwhite, 27; Common Snipe, 15; Mourning Dove, 457; Screech Owl, 2; Great Horned Owl, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 17; Pileated Woodpecker, 10; Red-bellied Woodpecker, 21; Red-headed Woodpecker, 14; Yellow-bellied Sapsucker, 6; Hairy Woodpecker, 7; Downy Woodpecker, 46; Eastern Phoebe, 1; Horned Lark, 28; Blue Jay, 319; Common Crow, 412; Carolina Chickadee, 122; Tufted Titmouse, 62; White-breasted Nuthatch, 13; Brown Creeper, 5; Winter Wren, 3; Carolina Wren, 78; Mockingbird, 80; Robin, 111; Hermit Thrush, 2; Eastern Bluebird, 90; Golden-crowned Kinglet, 25; Cedar Waxwing, 402; Loggerhead Shrike, 22; Starling, 379; Myrtle Warbler, 22; House Sparrow, 44; Eastern Meadowlark, 239; Rusty Blackbird, 7; Common Grackle, 9; Brown-headed Cowbird, 46; Cardinal, 187; Evening Grosbeak, 1; Purple Finch, 66; Pine Siskin, 6; Am. Goldfinch, 134; Rufous-sided Towhee, 4; Slate-colored Junco, 599; Tree Sparrow, 26; Field Sparrow, 213; White-crowned Sparrow, 31; White-throated Sparrow, 281; Fox Sparrow, 1; Swamp Sparrow, 9; Song Sparrow, 177. **Total,** 68 species; about 5075 individuals.—Steve Calver, Kenneth Lawless, Robert S. Merkel, Charles E. Stevens (compiler).

205. Central Beaufort County, N. C. (all points within a 15-mile diameter circle, center where Broad Creek enters Pamlico River, including both sides of river from Bath to Washington; feeders 5%, river and river shore 30%, fields 30%, mixed woods 30%, pine woods 5%).—Jan. 1; 7 a.m. to 5 p.m. Clear a.m., cloudy p.m.; temp. 22° to 39°; wind NE, 15 m.p.h.; ground bare, water open. Five observers in 2 parties. Total party-hours, 20 (10 on foot, 10 by car); total party-miles, 139 (7 on foot, 132 by car). ► Common Loon, 1; Pied-billed Grebe, 7; Double-crested Cormorant, 15; Great Blue Heron, 2; Whistling Swan, **110**; Canada Goose, 1050; Ring-necked Duck, 12; Canvasback, 12; Lesser Scaup, 4; Bufflehead, 5; Ruddy Duck, 86; Common Merganser, 2; Turkey Vulture, 1; Black Vulture, 1; Cooper's Hawk, 1; Sparrow Hawk, 13; Am. Coot, 10; Killdeer, 15; Great Black-backed Gull, 2; Herring Gull, 10; Ring-billed Gull, 122; Mourning Dove, 10; Belted Kingfisher, 1; Yellow-shafted Flicker, 31; Pileated Woodpecker, 3; Red-bellied Woodpecker, 17; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 6; Hairy Woodpecker, 3; Downy Woodpecker, 12; Eastern Phoebe, 4; Blue Jay, 25; Common Crow, 45; Fish Crow, 17; Carolina Chickadee, 12; Tufted Titmouse, 9; White-breasted Nuthatch, 4; Brown-headed Nuthatch, 13; House Wren, 1; Winter Wren, 2; Carolina Wren, 21; Mockingbird, 32; Catbird, 3; Brown Thrasher, 3; Robin, 2100; Hermit Thrush, 1; Eastern Bluebird, 71; Golden-crowned Kinglet, 3; Ruby-crowned Kinglet, 5; Cedar Waxwing, 25; Loggerhead Shrike, 11; Starling, 118; Myrtle Warbler, 300; Pine Warbler, 5; Palm Warbler, 1; House Sparrow, 60; Eastern Meadowlark, 9; Redwinged Blackbird, 7750; **Baltimore Oriole, 10** (6 at 1 feeder, 4 at another, several weeks); Rusty Blackbird, 5; Common Grackle, 5000; Brown-headed Cowbird, 175; Cardinal, 20; Purple Finch, 154; Am. Goldfinch, 26; Rufous-sided Towhee, 25; Slate-colored Junco, 375; Chipping Sparrow, **750**; Field Sparrow, 1; White-throated Sparrow, 164; Fox Sparrow, 51; Song Sparrow, 13. **Total,** 72 species; about 18,984 individuals. (Seen in area count period, but not on count day: Horned Grebe, Surf Scoter, Red-tailed Hawk, Pigeon Hawk, Red-cockaded Woodpecker, **Evening Grosbeak**.)—Elizabeth Ball (compiler), Ruth Brown, Phyllis Carver, Geraldine Cox, Mary McLauren.

206. Chapel Hill, N. C. (all points within a 15-mile diameter circle, center at intersection of Cameron and Columbia Streets).—Dec. 27; 7 a.m. to 5:45 p.m. Clear; temp. 40° to 66°; no wind. Sixteen observers in 15 parties. Total party-hours, 56 (44 on foot, 12 by car); total party-miles, 88 (36 on foot, 52 by car). ► Great Blue Heron, 2; Mallard, 2; Black Duck, 20; Wood Duck, 1; Ring-necked Duck, 8; Turkey Vulture, 19; Black Vulture, 6; Sharp-shinned Hawk, 1; Red-tailed Hawk, 3; Red-shouldered Hawk, 1; Marsh Hawk, 4; Sparrow Hawk, 9; Bobwhite, 67; Turkey, 2; Killdeer, 13; Mourning Dove, 58; Screech Owl, 1; Barred Owl, 3; Belted Kingfisher, 2; Yellow-shafted Flicker, 33; Pileated Woodpecker, 3; Red-bellied Woodpecker, 26; Red-headed Woodpecker, 21; Yellow-bellied Sapsucker, 21; Hairy Woodpecker, 9; Downy Woodpecker, 24; Eastern Phoebe, 2; Blue

Jay, 92; Common Crow, 78; Carolina Chickadee, 75; Tufted Titmouse, 72; White-breasted Nuthatch, 49; Red-breasted Nuthatch, 4; Brown-headed Nuthatch, 14; Brown Creeper, 6; Winter Wren, 3; Carolina Wren, 20; Mockingbird, 89; Catbird, 1; Brown Thrasher, 17; Robin, 53; Hermit Thrush, 6; Eastern Bluebird, 83; Golden-crowned Kinglet, 9; Ruby-crowned Kinglet, 9; Cedar Waxwing, 177; Loggerhead Shrike, 21; Starling, 401; **Black-throated Blue Warbler, 1** (male at feeder since Nov. 10—M.L.T.); Myrtle Warbler, 53; Pine Warbler, 22; House Sparrow, 79; Eastern Meadowlark, 164; Redwinged Blackbird, 4; Baltimore Oriole, 5; Cardinal, 156; Evening Grosbeak, 42; Purple Finch, 111; Pine Siskin, 3; Am. Goldfinch, 35; Rufous-sided Towhee, 87; Savannah Sparrow, 15; Slate-colored Junco, 457; Field Sparrow, 50; White-throated Sparrow, 402; Fox Sparrow, 22; Swamp Sparrow, 22; Song Sparrow, 43. **Total,** 68 species; about 3413 individuals. [Wood Pewee, 1; Wood Thrush, 2; Swainson's Thrush, 1; Prairie Warbler, 1 submitted without any details removed from list—Ed.]—R. M. Brown, E. Archer Dillard, Mr. and Mrs. Logan Irvin, Jimmy L. Love, Dr. and Mrs. G. R. MacCarthy, Mrs. W. D. Patterson, Lyman A. Ripperton (compiler), C. P. Russell, W. B. Sanders, Mr. and Mrs. R. B. Sharpe, Mrs. P. H. Stewart, Mr. and Mrs. Matt L. Thompson.

207. Charlotte, N. C. (all points within a 15-mile diameter circle, center at intersection of 7th Street and Briar Creek as in past 17 years; paving and building projects continue to encroach upon suitable habitat).—Jan. 2; 7 a.m. to 5 p.m. Intermittent drizzle all day; temp. 32° to 37°; wind NNE, 10 m.p.h.; light ice on trees and wires in exposed places, water open. Fifteen observers in 4 parties. Total party-hours, 30 (11 on foot, 19 by car); total party-miles, 216 (12 on foot, 204 by car). ► Pied-billed Grebe, 2; Mallard, 1; Am. Widgeon, 1; Ring-necked Duck, 2; Cooper's Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 1; Bobwhite, 12; Killdeer, 46; Common Snipe, 13; Mourning Dove, 160; Belted Kingfisher, 2; Yellow-shafted Flicker, 24; Red-bellied Woodpecker, 10; Hairy Woodpecker, 1; Downy Woodpecker, 9; Eastern Phoebe, 1; Blue Jay, 44; Common Crow, 102; Carolina Chickadee, 30; Tufted Titmouse, 18; White-breasted Nuthatch, 1; Brown-headed Nuthatch, 13; Carolina Wren, 21; Mockingbird, 59; Brown Thrasher, 7; Robin, 31; Eastern Bluebird, 30; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 3; Cedar Waxwing, 16; Loggerhead Shrike, 13; Starling, 5250; Myrtle Warbler, 3; Pine Warbler, 3; House Sparrow, 115; Eastern Meadowlark, 259; Redwinged Blackbird, 7; Cardinal, 90; Purple Finch, 127; Am. Goldfinch, 123; Rufous-sided Towhee, 46; Slate-colored Junco, 965; Chipping Sparrow, 3; Field Sparrow, 65; White-throated Sparrow, 206; Fox Sparrow, 1; Swamp Sparrow, 3; Song Sparrow, 58. **Total,** 51 species; about 8005 individuals.—B. R. Chamberlain (compiler), Mrs. Edwin O. Clarkson, Mrs. Ray Ford, May Fraley, Meade Fraley, J. P. Hamilton, Lee Jones, Julian Meadows, Mr. and Mrs. J. R. Norwood, Mr. and Mrs. Shuford Peeler, Mrs. George C. Potter, Mrs. E. J. Presser, F. Ramsey (Mecklenburg Audubon Club).

208. Greensboro, N. C. (all points within a 15-mile diameter circle, center ½ mile SW of WBIG transmitter; deciduous and pine woods 25%, thickets 15%, fresh-water lakes and ponds 25%, open fields 15%, marsh and wooded swamps 10%, lawns and parks 10%).—Jan. 2; 7 a.m. to 6 p.m. Cloudy, some fog, drizzle to freezing rain; temp. 29° to 36°; wind NE, 6 m.p.h. Twenty-six observers in 13 parties. Total party-hours, 95 (50 on foot, 45 by car); total party-miles, 224 (25 on foot, 199 by car). ► Pied-billed Grebe, 2; Great Blue Heron, 12; Canada Goose, 27; Mallard, 143; Black Duck, 4; Gadwall, 1; Pintail, 4; Green-winged Teal, 4; Shoveler, 1; Ring-necked Duck, 336; Canvasback, 4; Lesser Scaup, 12; Common Goldeneye, 45; Ruddy Duck, 2; Hooded Merganser, 5; Cooper's Hawk, 2; Red-tailed Hawk, 7; Red-shouldered Hawk, 2; Sparrow Hawk, 6; Bobwhite, 2; Am. Coot, 3; Killdeer, 58; Common Snipe, 1; Mourning Dove, 157; Belted Kingfisher, 3; Yellow-shafted Flicker, 46; Red-bellied Woodpecker, 51; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 25; Hairy Woodpecker, 12; Downy Woodpecker, 50; Eastern Phoebe, 4; Blue Jay, 200; Common Crow, 174; Carolina Chickadee, 255; Tufted Titmouse, 151; White-breasted Nuthatch, 41; Brown-headed Nuthatch, 27; Brown Creeper, 7; Winter Wren, 1; Carolina Wren, 60; Mockingbird, 120; Brown Thrasher, 5; Robin, 20; Hermit Thrush, 1; Eastern Bluebird, 84; Golden-crowned Kinglet, 31; Ruby-crowned Kinglet, 4; Cedar Waxwing, 30; Loggerhead Shrike, 20; Starling, **501,503** (with blackbirds at roost); Myrtle Warbler, 48; Pine Warbler, 8; House Sparrow, 409; Eastern Meadowlark, 200; Redwinged Blackbird, **2500**; Baltimore Oriole, 1; Rusty Blackbird, **60,000**; Common Grackle, **500,056**; Brown-headed Cowbird, **187,510**; Cardinal, 509; Purple Finch, 181; Pine Siskin, 35; Am. Goldfinch, 269; Rufous-sided Towhee, 95; Slate-colored Junco, 2457; Field Sparrow, 554; White-crowned Sparrow, 31; White-throated Sparrow, 1016; Swamp Sparrow, 140; Song Sparrow, 414. **Total,** 71 species; about 1,260,200 individuals. (Seen in area count period, but not on count day: **Evening Grosbeak, Snow Bunting.**)—Inez Coldwell, Mr. and Mrs. Floyd H. Craft, Larry Crawford, Mr. and Mrs. G. W. Daniels, Charlotte Dawley, Mrs. J. L. Hege, Mrs. James T. Heilig, Sidney Holmes, Robert L. Lasley, James Mattocks, Mrs. Robert E. McCoy (compiler), Ethel McNairy, Mrs. Franklin McNutt, Ida Mitchell, Mr. and Mrs. George Perrett, Etta Schiffman, Mrs. Edith Settan, George A. Smith, Mrs. Paul Stam, Thomas E. Street, Mrs. Charles M. Swart, Mrs. Margaret Y. Wall, Mrs. Ralph Weisner.

209. Hampstead, N. C. (all points within a 15-mile diameter circle, center on edge of Inland Waterway 1 mile SSE of Hampstead; same areas covered as least year with exception of Figure Eight Island).—Dec. 23; 5:30 a.m. to 5:45 p.m. Partly cloudy; temp. 25° to 45°; wind NE, 10-20 m.p.h.; ground bare, water open, ocean rough. Five observers in 2 parties. Total party-hours, 22 (6 on foot, 16 by car); total party-miles, 248 (7 on foot, 241 by car). ► Common Loon, 16; Red-throated Loon, 7; Horned Grebe, 17; Pied-billed Grebe, 4; Brown Pelican, 18;

Gannet, 30; Great Blue Heron, 7; Little Blue Heron, 4; Common Egret, 2; Louisiana Heron, 4; Yellow-crowned Night Heron, 1; Mallard, 20; Black Duck, 4; Gadwall, 35; Green-winged Teal, 35; Blue-winged Teal, 1; Am. Widgeon, 21; Wood Duck, 3; Lesser Scaup, 1; Bufflehead, 16; Surf Scoter, 3; Common Scoter, 9; Ruddy Duck, 2; Hooded Merganser, 21; Red-breasted Merganser, **257**; Turkey Vulture, 18; Black Vulture, 6; Red-tailed Hawk, 6; Red-shouldered Hawk, 4; Bald Eagle, 3; Marsh Hawk, 6; Pigeon Hawk, 1; Sparrow Hawk, **28**; Bobwhite, 21; Am. Coot, 17; Killdeer, 7; Black-bellied Plover, 51; Am. Woodcock, 1; Common Snipe, 1; Spotted Sandpiper, 1; Greater Yellowlegs, 8; Dunlin, 246; Semipalmated Sandpiper, 42; Sanderling, 55; Herring Gull, 206; Ring-billed Gull, 1718; Laughing Gull, 3; Bonaparte's Gull, 1; Forster's Tern, 70; Royal Tern, 4; Caspian Tern, 1; Black Skimmer, 10; Mourning Dove, 50; Belted Kingfisher, 9; Yellow-shafted Flicker, 67; Pileated Woodpecker, 2; Red-bellied Woodpecker, 5; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 5; Hairy Woodpecker, 5; Downy Woodpecker, 5; Red-cockaded Woodpecker, 1; **Western Kingbird, 1** (H.L., J.I., E.A.); Eastern Phoebe, 6; Blue Jay, 38; Common Crow, 260; Fish Crow, 8; Carolina Chickadee, 9; Tufted Titmouse, 4; Brown-headed Nuthatch, 7; House Wren, 8; Winter Wren, 1; Carolina Wren, 13; Mockingbird, 24; Catbird, 6; Brown Thrasher, 7; Robin, 247; Hermit Thrush, 16; Eastern Bluebird, 46; Blue-gray Gnatcatcher, 2; Golden-crowned Kinglet, 4; Ruby-crowned Kinglet, 10; Water Pipit, 50; Loggerhead Shrike, 9; Starling, 495; Myrtle Warbler, 454; Pine Warbler, 2; Palm Warbler, 3; Yellowthroat, 1; Eastern Meadowlark, 127; Redwinged Blackbird, 389; Boat-tailed Grackle, **227**; Common Grackle, 718; Brown-headed Cowbird, 46; Cardinal, 34; Purple Finch, 10; **Pine Siskin, 4** (M.B., G.M.); Am. Goldfinch, 29; Rufous-sided Towhee, 22; Savannah Sparrow, 100; **Grasshopper Sparrow, 1**; Sharp-tailed Sparrow, 1; Seaside Sparrow, 1; Vesper Sparrow, 17; Bachman's Sparrow, 1; Slate-colored Junco, 140; Chipping Sparrow, 99; Field Sparrow, 121; White-throated Sparrow, 442; Fox Sparrow, 25; Swamp Sparrow, 17; Song Sparrow, 160. **Total,** 112 species; about 7685 individuals.—Mrs. Edna L. Appleberry, Maurice V. Barnhill, Jr., John M. Irvine, Jr. (compiler), Horace G. Loftin, Gregg Massey.

210. Jefferson, N. C. (all points within a 15-mile diameter circle, center near Todd as in previous counts).—Dec. 27; 7 a.m. to 4:30 p.m. Clear; temp. 32° to 60°; no wind. Seven observers in 2 parties. Total party-hours, 66 (35 on foot, 12 by car, 19 by jeep); total party-miles, 87 (41 on foot, 18 by car, 28 by jeep). ► Red-shouldered Hawk, 1; Ruffed Grouse, 2; Belted Kingfisher, 2; Yellow-shafted Flicker, 1; Pileated Woodpecker, 1; Downy Woodpecker, **12**; Eastern Phoebe, 7; Blue Jay, 24; Common Crow, 61; Carolina Chickadee, 19; Tufted Titmouse, 11; White-breasted Nuthatch, 5; Winter Wren, 2; Carolina Wren, 12; Mockingbird, 1; Robin, 3; Eastern Bluebird, 18; **Golden-crowned Kinglet, 3**; **Ruby-crowned Kinglet, 1**; Starling, 10; House Sparrow, 59; Eastern Meadowlark, 2; Cardinal, **65**; Pine Siskin, 2; Am. Goldfinch, 21; Rufous-sided Towhee, 4; Vesper Sparrow, 3; Slate-colored Junco, 165; Field Sparrow, 21; White-throated Sparrow, 2; Fox Sparrow, **10**; Song Sparrow, **94**. **Total,** 32 species; about 644 individuals. (Seen in area count period, but not on count day: Mallard, Cooper's Hawk, Sharp-shinned Hawk, Sparrow Hawk, Bobwhite, Mourning Dove, Yellow-bellied Sapsucker, Hairy Woodpecker.)—Mrs. A. Burman Hurt (compiler), John R. Jackson, Gordon McWilliams, Clyde Miller, James Miller, Richard Miller, Mike Welch.

211. Mattamuskeet National Wildlife Refuge, N. C. (all points within a 15-mile diameter circle, center Mattamuskeet Lodge, including most of Mattamuskeet Refuge and portions of Swanquarter Refuge; fields and thickets 20%, pine woods and swamps 30%, fresh-water lake 45%, fresh-water marsh 5%). —Dec. 27; 6:30 a.m. to 5:30 p.m. Clear; temp. 39° to 55°; wind N, 5 m.p.h.; ground clear, water open. Four observers in 1 party. Total party-hours, 11; (2 on foot, 9 by car); total party-miles, 103 (5 on foot, 98 by car). ► Common Loon, 1; Horned Grebe, 1; Pied-billed Grebe, 3; Double-crested Cormorant, 2; Great Blue Heron, 25; Common Egret, 75; Snowy Egret, 20; Black-crowned Night Heron, 12; Whistling Swan, 2000; Canada Goose, 100,000; Snow Goose, 200; Blue Goose, 700; Mallard, 5500; Black Duck, 15,000; Gadwall, 5000; Pintail, 60,000; Green-winged Teal, 10,000; Blue-winged Teal, 200; Am. Widgeon, 20,000; Wood Duck, 300; Ring-necked Duck, 15,000; Lesser Scaup, 15,000; Common Goldeneye, 10; Bufflehead, 12; Ruddy Duck, 20,000; Hooded Merganser, 4; Common Merganser, 1000; Red-breasted Merganser, 2; Turkey Vulture, 5; Black Vulture, 12; Red-tailed Hawk, 1; Red-shouldered Hawk, 2; Bald Eagle, 2; Marsh Hawk, 4; Sparrow Hawk, 20; Bobwhite, 6; Common Gallinule, 1; Am. Coot, 15,000; Killdeer, 2; Am. Woodcock, 2; Common Snipe, 15; Greater Yellowlegs, 2; Semipalmated Sandpiper, 6; Herring Gull, 3; Ring-billed Gull, 50; Bonaparte's Gull, 2; Mourning Dove, 75; Belted Kingfisher, 5; Yellow-shafted Flicker, 20; Pileated Woodpecker, 3; Red-bellied Woodpecker, 5; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 1; Downy Woodpecker, 8; Eastern Phoebe, 2; Tree Swallow, 36; Common Crow, 500; Fish Crow, 200; Carolina Chickadee, 7; Carolina Wren, 4; Short-billed Marsh Wren, 1; Mockingbird, 25; Catbird, 2; Brown Thrasher, 2; Robin, 1000; Hermit Thrush, 1; Eastern Bluebird, 75; Cedar Waxwing, 35; Loggerhead Shrike, 1; Starling, 200; Myrtle Warbler, 2000; Yellowthroat, 4; House Sparrow, 50; Eastern Meadowlark, 25; Redwinged Blackbird, 25,000; Common Grackle, 200; Brown-headed Cowbird, 500; **Western Tanager, 1** (carefully studied by 3 observers); Cardinal, 25; Rufous-sided Towhee, 4; Savannah Sparrow, 25; Seaside Sparrow, 2; Slate-colored Junco, 12; Chipping Sparrow, 3; Field Sparrow, 12; White-throated Sparrow, 12; Fox Sparrow, 2; Swamp Sparrow, 1; Song Sparrow, 6; **Snow Bunting, 2** (seen well). **Total,** 90 species; about 315,299 individuals. (Seen in area count period, but not on count day: Osprey.)—Willie G. Cahoon (compiler), Geraldine Cox, Mrs. J. L. McLaurin, Curtis T. Wilson.

212. **Morehead City, N. C.** (all points within a 15-mile diameter circle, center ½ mile SSE of North River Methodist Church, including Morehead City, Beaufort, Harker's Island, Marshallberg, Williston, North River, Back Sound, the Straits, Country Club, Oglesby Farm, Core Creek, Newport River, Crab Point, Atlantic Beach, Fort Macon, Beaufort Inlet; open sound 35%, open ocean 5%, beach 3%, city and town 3%, open fields 25%, salt marsh 15%, woodlands 14%).—Dec. 28; 7 a.m. to 5:15 p.m. Overcast, ocean foggy; temp. 50° to 68°; wind S, 10-30 m.p.h.; ground clear, water open, ocean rough. Four observers in 2 parties. Total party-hours, 16 (6 on foot, 10 by car); total party-miles, 135 (8 on foot, 127 by car). ► Common Loon, 48; Red-throated Loon, 2; Horned Grebe, 15; Pied-billed Grebe, 9; Brown Pelican, 6; Double-crested Cormorant, 19; Great Blue Heron, 4; Little Blue Heron, 5; Common Egret, 1; Snowy Egret, 2; Louisiana Heron, 3; Black-crowned Night Heron, 1; Black Duck, 57; Gadwall, 4; Ring-necked Duck, 1; Canvasback, 28; Greater Scaup, 13; Common Goldeneye, 4; Bufflehead, 37; Common Scoter, 1; Ruddy Duck, 3; Hooded Merganser, 10; Red-breasted Merganser, 30; Turkey Vulture, 2; Red-tailed Hawk, 1; Red-shouldered Hawk, 2; Bald Eagle, 1; Marsh Hawk, 9; Peregrine Falcon, 1; Sparrow Hawk, 18; Bobwhite, 2; Clapper Rail, 3; Semipalmated Plover, 3; Killdeer, 80; Black-bellied Plover, 29; Ruddy Turnstone, 11; Common Snipe, 12; Greater Yellowlegs, 24; **Purple Sandpiper, 3** (all observers); Dunlin, 25; Semipalmated Sandpiper, 10; Sanderling, 16; Great Black-backed Gull, 3; Herring Gull, 1130; Ring-billed Gull, 3156; Bonaparte's Gull, 8; Forster's Tern, 2; Royal Tern, 1; Mourning Dove, 13; Belted Kingfisher, 9; Yellow-shafted Flicker, 12; Red-bellied Woodpecker, 2; Hairy Woodpecker, 1; Downy Woodpecker, 2; **Western Kingbird, 1** (Mr. and Mrs. H.G.L.); Eastern Phoebe, 1; Blue Jay, 6; Common Crow, 213; Fish Crow, 14; Carolina Chickadee, 3; Tufted Titmouse, 3; Brown-headed Nuthatch, 1; House Wren, 5; Carolina Wren, 18; Mockingbird, 49; Catbird, 2; Brown Thrasher, 3; Robin, 385; Eastern Bluebird, 14; Ruby-crowned Kinglet, 4; Water Pipit, 8; Loggerhead Shrike, 3; Starling, 520; Myrtle Warbler, 117; Pine Warbler, 1; Palm Warbler, 5; Yellowthroat, 1; House Sparrow, 171; Eastern Meadowlark, 145; Red-winged Blackbird, 812; Boat-tailed Grackle, 19; Common Grackle, 240; Cardinal, 46; Purple Finch, 2; Am. Goldfinch, 8; Rufous-sided Towhee, 22; Savannah Sparrow, 79; Sharp-tailed Sparrow, 6; Vesper Sparrow, 3; Slate-colored Junco, 25; Chipping Sparrow, 276; Field Sparrow, 77; White-throated Sparrow, 78; Fox Sparrow, 3; Swamp Sparrow, **101**; Song Sparrow, 32. **Total,** 96 species; about 8416 individuals. (Seen in area count period, but not on count day: Gannet, Surf Scoter, Yellow-bellied Sapsucker, Tree Swallow, Long-billed Marsh Wren, Hermit Thrush.)—Maurice V. Barnhill, Jr., John M. Irvine, Jr. (compiler), Mr. and Mrs. Horace G. Loftin.

213. **New London, N. C.** (all points within a 15-mile diameter circle, center 2 miles northwest of Badin, including High Rock Lake, Yadkin River, Badin Lake, Morrow Mountain State Park, Albemarle City Reservoir, Albemarle, New London, Badin; mixed deciduous woodland 25%, open fields and farmlands 27%, fresh-water ponds and lakeshores 25%, lakes and rivers 15%, marsh 3%, pine woods 2%, town suburbs 3%).—Dec. 29; 6:30 a.m. to 5:30 p.m. Fair at dawn, overcast rest of day; temp. 40° to 63°; wind WNW, 10-15 m.p.h. Sixteen observers in 6 parties. Total party-hours, 36 (20 on foot, 16 by car); total party-miles, 270 (24 on foot, 246 by car). ► Pied-billed Grebe, 4; Great Blue Heron, 11; Canada Goose, 40; Mallard, 114; Black Duck, 3; Ring-necked Duck, 6; Turkey Vulture, 36; Black Vulture, 18; Sharp-shinned Hawk, 1; Cooper's Hawk, 3; Red-tailed Hawk, 9; Red-shouldered Hawk, 2; Marsh Hawk, 6; **Pigeon Hawk, 1**; Sparrow Hawk, 4; Bobwhite, 34; Killdeer, 22; Am. Woodcock, 1; Common Snipe, 1; Herring Gull, 2; Ring-billed Gull, 38; Mourning Dove, 361; Barred Owl, 4; Belted Kingfisher, 4; Yellow-shafted Flicker, 15; Red-bellied Woodpecker, 15; Red-headed Woodpecker, **11**; Yellow-bellied Sapsucker, 8; Hairy Woodpecker, 1; Downy Woodpecker, 11; Eastern Phoebe, 3; Horned Lark, 20; Blue Jay, 48; Common Crow, 67; Carolina Chickadee, 67; Tufted Titmouse, 18; White-breasted Nuthatch, 6; Brown-headed Nuthatch, 10; Brown Creeper, 2; Carolina Wren, 39; Mockingbird, 43; Brown Thrasher, 9; Robin, 750; Hermit Thrush, 4; Eastern Bluebird, 88; Golden-crowned Kinglet, 1; Ruby-crowned Kinglet, 7; Water Pipit, 45; Cedar Waxwing, 18; Loggerhead Shrike, 32; Starling, 437; Myrtle Warbler, 1; Pine Warbler, 5; **Yellowthroat, 1**; House Sparrow, 150; Eastern Meadowlark, 239; Redwinged Blackbird, 54; Cardinal, 103; Purple Finch, 25; Pine Siskin, 3; Am. Goldfinch, 61; Rufous-sided Towhee, 46; Savannah Sparrow, 1; Slate-colored Junco, 791; **Chipping Sparrow, 4**; Field Sparrow, 86; White-throated Sparrow, 298; Fox Sparrow, 3; Swamp Sparrow, 2; Song Sparrow, 63. **Total,** 70 species; about 4436 individuals. (Seen in area count period, but not on count day: Baltimore Oriole.)—Mrs. Barrett Crook, Susan Greene, John Trott (compiler), Mrs. John Whitlock.

214. **North Wilkesboro, N. C.** (all points within a 15-mile diameter circle, center North Wilkesboro, including portions of Reddies and Yadkin River Valleys).—Dec. 31; 8:30 a.m. to 5:30 p.m. Clear; temp. 38° to 46°; wind 0-20 m.p.h. One observer. Total hours, 9; total miles, 15 (10 on foot, 5 by car). ► Sparrow Hawk, 1; Killdeer, 8; Mourning Dove, 175; Pileated Woodpecker, 1; Downy Woodpecker, 4; Blue Jay, 10; Common Crow, 365; Carolina Chickadee, 15; Tufted Titmouse, 12; White-breasted Nuthatch, 5; Red-breasted Nuthatch, 1; Brown Creeper, 1; Winter Wren, 3; Carolina Wren, 19; Mockingbird, 5; Robin, 29; Hermit Thrush, 1; Eastern Bluebird, 6; Water Pipit, 28; Starling, 24; Myrtle Warbler, 1; House Sparrow, 17; Cardinal, 17; Purple Finch, 5; Am. Goldfinch, 8; Rufous-sided Towhee, 12; Slate-colored Junco, 45; Field Sparrow, 39; White-throated Sparrow, 66; Fox Sparrow, 6; Song Sparrow, 20. **Total,** 31 species; about 949 individuals. (Seen in area count period, but not on count day: Common Grackle.)—Wendell P. Smith.

215. Wilmington, N. C. (all points within a 15-mile diameter circle, center Myrtle Grove Junction, including Wrightsville Beach and Sound, Masonboro and Greenville Sounds, Winter Park, Orton and Pleasant Oaks Plantations, Cape Fear River, Greenfield Lake, Echo Dairy Farm; mixed pine and deciduous woodland 40%, beach and salt marsh 35%, fresh-water ponds and river 20%, pasture 5%).—Dec. 30; 4:15 a.m. to 5:30 p.m. Mostly sunny; temp. 53° to 35°; wind WSW, 7 m.p.h. Fourteen observers in 6 parties. Total party-hours, 65 (34 on foot, 31 by car); total party-miles, 403 (36 on foot, 367 by car). ► Common Loon, 61; Red-throated Loon, **165**; Horned Grebe, 21; Pied-billed Grebe, 26; Brown Pelican, 28; Gannet, 48; Double-crested Cormorant, 94; Great Blue Heron, 33; Little Blue Heron, 3; Common Egret, 35; Snowy Egret, 4; Louisiana Heron, 15; Black-crowned Night Heron, 6; Am. Bittern, 1; Canada Goose, 132; **Snow Goose, 3** (Baker party); Mallard, 116; Black Duck, 6; Gadwall, 4; Green-winged Teal, 1; Blue-winged Teal, 12; Am. Widgeon, 31; Shoveler, 3; Wood Duck, 195; Ring-necked Duck, 26; Canvasback, 20; Lesser Scaup, 54; Bufflehead, 82; Surf Scoter, 2; Common Scoter, 13; Hooded Merganser, 6; Red-breasted Merganser, 115; Turkey Vulture, 8; Black Vulture, 2; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 7; Red-shouldered Hawk, 9; Bald Eagle, 4; Marsh Hawk, 4; Peregrine Falcon, 1; Sparrow Hawk, 26; Bobwhite, 24; King Rail, 1; Clapper Rail, 8; Virginia Rail, 6; Sora, 3; Common Gallinule, 4; Am. Coot, 72; Am. Oystercatcher, 9; Semipalmated Plover, 78; Piping Plover, **13**; Killdeer, 47; Black-bellied Plover, 89; Ruddy Turnstone, 7; Common Snipe, 13; Willet, 26; Greater Yellowlegs, 22; Lesser Yellowlegs, 3; Least Sandpiper, 7; Dunlin, 152; Short-billed Dowitcher, 36; Semipalmated Sandpiper, 18; Western Sandpiper, 81; **Marbled Godwit, 1** (M.B., G.M.); Sanderling, 70; Great Black-backed Gull, 1; Herring Gull, 621; Ring-billed Gull, 1010; Laughing Gull, 2; Bonaparte's Gull, 11; **Gull-billed Tern, 6** (2 parties); Forster's Tern, 43; Royal Tern, 7; Caspian Tern, 2; Black Skimmer, 3; Mourning Dove, 71; Screech Owl, 1; Great Horned Owl, 5; Barred Owl, 1; Short-eared Owl, 1; Belted Kingfisher, 29; Yellow-shafted Flicker, 134; Pileated Woodpecker, 7; Red-bellied Woodpecker, 31; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 34; Hairy Woodpecker, 14; Downy Woodpecker, 22; Red-cockaded Woodpecker, 3; Eastern Phoebe, 12; Tree Swallow, 26; Blue Jay, 175; Common Crow, 103; Fish Crow, 51; Carolina Chickadee, 79; Tufted Titmouse, 56; Red-breasted Nuthatch, 1; Brown-headed Nuthatch, 85; Brown Creeper, 4; House Wren, 43; Winter Wren, 9; Carolina Wren, 82; Long-billed Marsh Wren, 9; Short-billed Marsh Wren, 2; Mockingbird, 164; Catbird, 10; Brown Thrasher, 53; Robin, 3147; Hermit Thrush, 28; Eastern Bluebird, 75; Blue-gray Gnatcatcher, 7; Golden-crowned Kinglet, **118**; Ruby-crowned Kinglet, 63; Water Pipit, 111; Cedar Waxwing, 605; Loggerhead Shrike, 22; Starling, 1419; Orange-crowned Warbler, **9**; Myrtle Warbler, 1764; **Yellow-throated Warbler, 1**; Pine Warbler, 20; Palm Warbler, 23; Yellowthroat, 11; **Yellow-breasted Chat, 1**; House Sparrow, 193; Eastern Meadowlark, 596; **Redwinged Blackbird, 29,797**; **Baltimore Oriole, 2**; Rusty Blackbird, 1; Boat-tailed Grackle, 662; Common Grackle, 1387; Brown-headed Cowbird, 100; Cardinal, 273; **Blue Grosbeak, 2** (studied at leisure feeding along road—E.A., M.B., B.J.); Purple Finch, 29; Am. Goldfinch, 186; Rufous-sided Towhee, 195; Savannah Sparrow, 221; **Henslow's Sparrow, 5** (P.M.); Sharp-tailed Sparrow, 5; Seaside Sparrow, 4; Vesper Sparrow, 31; Bachman's Sparrow, 1; Slate-colored Junco, 229; Chipping Sparrow, 236; Field Sparrow, 185; White-throated Sparrow, 459; Fox Sparrow, 56; Swamp Sparrow, 211; Song Sparrow, 541. **Total,** 151 species; about 48,270 individuals.—Mrs. Edna Appleberry (compiler), Cecil Appleberry, Mrs. Mary Baker, Maurice Barnhill, John Irvine, John Irvine, Jr., Bill James, Harry Latimer, Greg Massey, James Mattocks, Mrs. Polly Mebane, George Smith, Mrs. Mary Urich, Mrs. Marie Vander Schalie.

216. Winston-Salem, N. C. (all points within a 15-mile diameter circle, center same as in previous years to include County Farm, Salem Lake, Tanglewood Park, Reynolda, Wake Forest College Campus).—Jan. 2; 7 a.m. to 5 p.m. Overcast to steady light rain; temp. 29° to 34°; wind NE, 0-5 m.p.h. Eight observers in 5 parties. Total party-hours, 27 (19 on foot, 8 by car); total party-miles, 85 (13 on foot, 72 by car). ► Great Blue Heron, 3; Canada Goose, 159; Mallard, 23; Ring-necked Duck, 9; Marsh Hawk, 1; Sparrow Hawk, 2; Am. Coot, 1; Common Snipe, 1; Mourning Dove, 19; Belted Kingfisher, 1; Yellow-shafted Flicker, 8; Red-bellied Woodpecker, 4; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 5; Hairy Woodpecker, 1; Downy Woodpecker, 7; Eastern Phoebe, 2; Blue Jay, 32; Common Crow, 25; Carolina Chickadee, 56; Tufted Titmouse, 37; White-breasted Nuthatch, 21; Red-breasted Nuthatch, 1; Brown-headed Nuthatch, 1; Brown Creeper, 3; Carolina Wren, 31; Mockingbird, 36; Brown Thrasher, 7; Robin, 42; Eastern Bluebird, 33; Golden-crowned Kinglet, 6; Ruby-crowned Kinglet, 4; Loggerhead Shrike, 1; Starling, 319; Myrtle Warbler, 8; Pine Warbler, 2; House Sparrow, 267; Eastern Meadowlark, 124; Cardinal, 81; Purple Finch, 53; Am. Goldfinch, 105; Rufous-sided Towhee, 12; Slate-colored Junco, 263; Field Sparrow, 57; White-throated Sparrow, 56; Fox Sparrow, 3; Swamp Sparrow, 2; Song Sparrow, 23. **Total,** 48 species; about 1958 individuals. (Seen in area count period, but not on count day: Black Duck, scaup (sp.), Ruddy Duck, Cedar Waxwing, Common Grackle.)—L. Hartsell Cash (compiler), Mrs. Ben Huntley, Jr., Thomas Simpson, Mrs. Alex Sloan, Dr. and Mrs. Merrill P. Spencer, Robert H. Witherington, Mrs. Wortham Wyatt.

217. Charleston, S. C. (all points within a 15-mile diameter circle, center same as in previous years).—Dec. 29; 7 a.m. to 5 p.m. Clear; temp. 44° to 59°; wind WSW, 6-26 m.p.h. Fourteen observers in 5 parties. Total party-hours, 46 (29 on foot, 16 by car, 1 by boat); total party-miles, 143 (41 on foot, 94 by car, 8 by boat). ► Common Loon, 3; Red-throated Loon, 1; Horned Grebe, 27; Pied-billed Grebe, 35; Brown Pelican, 4; Double-crested Cormorant, 10; Anhinga, 1; Great Blue Heron, 27; Little Blue Heron,

14; Common Egret, 20; Snowy Egret, 10; Louisiana Heron, 40; Black-crowned Night Heron, 6; Mallard, 71; Black Duck, 22; Gadwall, 18; Pintail, 42; Green-winged Teal, 32; Blue-winged Teal, 2; Am. Widgeon, 27; Shoveler, 58; Wood Duck, 2; Ring-necked Duck, 50; Canvasback, 9; Greater Scaup, 1; Lesser Scaup, 30; Bufflehead, 34; Oldsquaw, 1; Ruddy Duck, 22; Hooded Merganser, 5; Red-breasted Merganser, 10; Turkey Vulture, 56; Black Vulture, 43; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 5; Red-shouldered Hawk, 4; Bald Eagle, 6; Marsh Hawk, 6; Osprey, 1; Pigeon Hawk, 1; Sparrow Hawk, 4; Bobwhite, 7; Turkey, 24; Clapper Rail, 9; Sora, 2; Common Gallinule, 11; Am. Coot, 205; Am. Oystercatcher, 58; Semipalmated Plover, 53; Piping Plover, 1; Killdeer, 1; Black-bellied Plover, 9; Ruddy Turnstone, 4; Am. Woodcock, 2; Common Snipe, 1; Willet, 9; Greater Yellowlegs, 40; Lesser Yellowlegs, 1; Dunlin, 11; Short-billed Dowitcher, 10; Western Sandpiper, 124; Sanderling, 3; Herring Gull, 32; Ring-billed Gull, 117; Laughing Gull, 1; Forster's Tern, 42; Royal Tern, 2; Mourning Dove, 85; Belted Kingfisher, 18; Yellow-shafted Flicker, 40; Pileated Woodpecker, 14; Red-bellied Woodpecker, 28; Yellow-bellied Sapsucker, 8; Hairy Woodpecker, 5; Downy Woodpecker, 13; Red-cockaded Woodpecker, 1; Eastern Phoebe, 3; Tree Swallow, 2; Blue Jay, 36; Common Crow, 53; Fish Crow, 2; Carolina Chickadee, 34; Tufted Titmouse, 9; Brown-headed Nuthatch, 12; Brown Creeper, 5; House Wren, 8; Winter Wren, 1; Carolina Wren, 29; Short-billed Marsh Wren, 1; Mockingbird, 26; Catbird, 4; Brown Thrasher, 11; Robin, 144; Hermit Thrush, 6; Eastern Bluebird, 32; Golden-crowned Kinglet, 7; Ruby-crowned Kinglet, 61; Cedar Waxwing, 6; Loggerhead Shrike, 9; Starling, 30; White-eyed Vireo, 3; Solitary Vireo, 3; Orange-crowned Warbler, 3; Myrtle Warbler, 153; Yellow-throated Warbler, 2; Pine Warbler, 9; Yellowthroat, 3; House Sparrow, 6; Eastern Meadowlark, 72; Redwinged Blackbird, 400; Boat-tailed Grackle, 500; Common Grackle, 2; Brown-headed Cowbird, 3; Cardinal, 109; Am. Goldfinch, 24; Rufous-sided Towhee, 38; Savannah Sparrow, 16; Grasshopper Sparrow, 1; Sharp-tailed Sparrow, 3; Seaside Sparrow, 30; Slate-colored Junco, 13; Chipping Sparrow, 10; Field Sparrow, 5; White-throated Sparrow, 35; Fox Sparrow, 1; Swamp Sparrow, 35; Song Sparrow, 70. **Total,** 128 species; about 3833 individuals.—Mr. and Mrs. Francis Barrington, Grange Coffin, Mr. and Mrs. Robert Coleman, John Henry Dick, Robert D. Edwards, Robert L. Edwards, John M. Horlbeck, Mrs. John A. Leland, I. S. Metcalf, Sr., I. S. H. Metcalf, Newton Seebeck, Ellison A. Williams (compiler).

218. Clemson, S. C. (all points within a 15-mile diameter circle, center on Southern Railroad Station in Clemson, including most of Clemson College campus, Issaqueena Lake, Keowee and Little Rivers, Clemson, La France, Norris, Seneca; open farmland 30%, deciduous woodland 5%, pine woodland 10%, mixed woodland 45%, towns 6%, lake, ponds, rivers 4%).—Jan. 2; 5 a.m. to 5:40 p.m. Overcast, intermittent rain and sleet; temp. 30° to 40°; wind NW, 0-10 m.p.h.; water open, trace of snow in shaded areas. Five observers in 3 parties. Total party-hours, 24 (16 on foot, 8 by car); total party-miles, 218 (17 on foot, 201 by car). ► Canada Goose, **50**; Mallard, 100; Black Duck, 4; Ring-necked Duck, 28; Cooper's Hawk, 2; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Sparrow Hawk, 1; Bobwhite, 15; Am. Coot, 1; Killdeer, 7; Common Snipe, 1; Mourning Dove, 112; Screech Owl, 4; Great Horned Owl, 1; Barred Owl, 1; **Saw-whet Owl, 1** (calling 15 minutes—R.H.P.); Belted Kingfisher, 5; Yellow-shafted Flicker, 21; Pileated Woodpecker, 4; Red-bellied Woodpecker, 12; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 5; Hairy Woodpecker, 2; Downy Woodpecker, 14; Eastern Phoebe, 3; Blue Jay, 148; Common Crow, 144; **Black-capped Chickadee, 1** (heard and seen —R.H.P.); Carolina Chickadee, 102; Tufted Titmouse, 126; White-breasted Nuthatch, 4; Brown-headed Nuthatch, 29; Brown Creeper, 2; Winter Wren, 6; Carolina Wren, 45; Mockingbird, 35; **Catbird, 1**; Brown Thrasher, 8; Robin, 28; Hermit Thrush, 1; Eastern Bluebird, 34; Golden-crowned Kinglet, **224**; Ruby-crowned Kinglet, 14; Water Pipit, 14; Cedar Waxwing, 107; Loggerhead Shrike, 6; Starling, **1,250,000**; Myrtle Warbler, 10; Pine Warbler, 5; House Sparrow, 407; Eastern Meadowlark, 663; Redwinged Blackbird, **900,000**; Rusty Blackbird, **150,000**; Common Grackle, 50,000; Brown-headed Cowbird, **10,000**; Cardinal, 142; Purple Finch, 13; Pine Siskin, 4; Am. Goldfinch, **1540**; Rufous-sided Towhee, 126; Savannah Sparrow, 130; Vesper Sparrow, 25; Slate-colored Junco, **1380**; Chipping Sparrow, 39; Field Sparrow, 880; **Harris' Sparrow, 1** (studied carefully in good light at 20 ft.—J.H.H.); White-throated Sparrow, **2200**; Fox Sparrow, 8; **Lincoln's Sparrow, 1** (all field marks); Swamp Sparrow, 300; Song Sparrow, **3300. Total,** 72 species; about 2,372,551 individuals.—Mr. and Mrs. Gaston Gage, Gaston Gage, Jr., J. H. Hobson, R. H. Peake, Jr. (compiler).

219. Columbia, S. C. (all points within a 15-mile diameter circle, center State Capitol as last year; deciduous river and creek swamps 30%, pine woods 20%, open fields 35%, lake shores 5%, urban 10%). —Dec. 29; 7 a.m. to 5 p.m. Clear to cloudy; temp. 41° to 52°; wind SE, 10-25 m.p.h. Thirteen observers in 4 parties. Total party-hours, 36 (26 on foot, 10 by car); total party-miles, 134 (22 on foot, 112 by car). ► Pied-billed Grebe, 3; Great Blue Heron, 2; Mallard, 1; Ring-necked Duck, 67; Turkey Vulture, 3; Black Vulture, 27; Red-tailed Hawk, 5; Red-shouldered Hawk, 2; Sparrow Hawk, 12; Bobwhite, 9; Killdeer, 47; Common Snipe, 17; Ring-billed Gull, 29; Mourning Dove, 21; Belted Kingfisher, 2; Yellow-shafted Flicker, 35; Red-bellied Woodpecker, 19; Red-headed Woodpecker, 4; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 4; Downy Woodpecker, 10; Eastern Phoebe, 6; Blue Jay, 82; Common Crow, 77; Carolina Chickadee, 32; Tufted Titmouse, 41; Brown-headed Nuthatch, 13; Brown Creeper, 5; Carolina Wren, 34; Short-billed Marsh Wren, 1; Mockingbird, 42; Catbird, 3; Brown Thrasher, 14; Robin, 286; Hermit Thrush, 4; Eastern Bluebird, 50; Golden-crowned Kinglet, 11; Ruby-crowned Kinglet, 59; Water Pipit, 61; Cedar Waxwing, 110; Loggerhead Shrike, 24; Starling, 789; Myrtle Warbler, 7; Pine

Warbler, 63; House Sparrow, 577; Eastern Meadowlark, 634; Redwinged Blackbird, 3632; Rusty Blackbird, 360; Common Grackle, 1; Brown-headed Cowbird, 1130; Cardinal, 175; Purple Finch, 9; Am. Goldfinch, 39; Rufous-sided Towhee, 35; Savannah Sparrow, 3; **Henslow's Sparrow, 1**; Vesper Sparrow, 13; Slate-colored Junco, 165; Chipping Sparrow, 48; Field Sparrow, 178; White-throated Sparrow, 339; Fox Sparrow, 17; Song Sparrow, 142. **Total,** 63 species; about 9634 individuals.—Gilbert J. Bristow (compiler), Arthur H. Buehler, Frank Childs, Natalie Curtis, Jimmy Hartin, Mrs. S. E. Hartin, Mrs. P. B. Hendrix, Mrs. Helen Kendall, Mary Nell Koon, Harold Roof, Jr., Woodie Senn, Mrs. Clyde Sisson, Carey Smith (Columbia Bird Club and guests).

220. Eastover, S. C. (all points within a 15-mile diameter circle, center Eastover as in previous years, addition of Wildlife Refuge pond).—Dec. 28; 7 a.m. to 5 p.m. Cloudy and misty, then rain; temp. 59° to 78°; wind W, strong. Three observers in 1 party. Total party-hours, 10; total party-miles, 31 (1 on foot, 30 by car). ► Pied-billed Grebe, 1; Common Egret, 1; Canada Goose, 1; **Blue Goose, 1**; Wood Duck, 6; Ring-necked Duck, 101; Ruddy Duck, 3; Turkey Vulture, 1; Black Vulture, 7; Cooper's Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 4; Killdeer, 11; Common Snipe, 6; Mourning Dove, 3; Belted Kingfisher, 6; Yellow-shafted Flicker, 15; Red-bellied Woodpecker, 4; Yellow-bellied Sapsucker, 1; Downy Woodpecker, 2; Eastern Phoebe, 1; Blue Jay, 5; Common Crow, 11; Carolina Chickadee, 4; Tufted Titmouse, 5; Brown-headed Nuthatch, 2; Brown Creeper, 1; Carolina Wren, 4; Mockingbird, 5; Brown Thrasher, 2; Robin, 63; Hermit Thrush, 1; Ruby-crowned Kinglet, 8; Cedar Waxwing, 23; Loggerhead Shrike, 8; Starling, 55; Pine Warbler, 7; House Sparrow, 300; Eastern Meadowlark, 89; Redwinged Blackbird, 203; Common Grackle, 31; Brown-headed Cowbird, 50; Cardinal, 18; Purple Finch, 3; Am. Goldfinch, 4; Rufous-sided Towhee, 6; Savannah Sparrow, 47; Vesper Sparrow, 32; Slate-colored Junco, 41; Chipping Sparrow, 16; Field Sparrow, 7; White-throated Sparrow, 55; Song Sparrow, 9. **Total,** 55 species; about 1296 individuals. (Seen in area count period, but not on count day: Fox Sparrow.)—Natalie H. Curtis, Mrs. W. H. Faver (compiler), Mrs. Clyde Sisson.

221. Santee National Wildlife Refuge, S. C. (all points within a 15-mile diameter circle, center on road crossing Taw Caw Creek 2¾ miles south of Davis Crossroads; includes most of Clarendon County portion of Santee Refuge and vicinity; pasture, open field 20%, town suburbs 10%, marsh, swamp, water edge 40%, mixed hardwood and pine forest 30%).—Dec. 26; 7:30 a.m. to 5:30 p.m.; temp. 55° to 69°; wind W, 2-4 m.p.h. Five observers in 3 parties. Total party-hours, 20 (15 on foot, 5 by car); total party-miles, 25 (5 on foot, 20 by car). ► Pied-billed Grebe, 35; Double-crested Cormorant, 2; Great Blue Heron, 20; Common Egret, 8; Canada Goose, 14,000; Snow Goose, 1; Blue Goose, 15; Mallard, 18,000; Black Duck, 10; Gadwall, 33; Pintail, 3100; Green-winged Teal, 39; Am. Widgeon, 1200; Shoveler, 28; Wood Duck, 2; Redhead, 1; Ring-necked Duck, 233; Ruddy Duck, 6; Hooded Merganser, 1; Turkey Vulture, 4; Black Vulture, 6; Red-tailed Hawk, 5; Red-shouldered Hawk, 3; Bald Eagle, 1; Marsh Hawk, 17; Sparrow Hawk, 11; Bobwhite, 51; Common Gallinule, 1; Am. Coot, 3000; Killdeer, 21; Common Snipe, 1; Ring-billed Gull, 24; Mourning Dove, 60; Belted Kingfisher, 16; Yellow-shafted Flicker, 17; Red-bellied Woodpecker, 3; Red-headed Woodpecker, 3; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 1; Downy Woodpecker, 5; Eastern Phoebe, 7; Blue Jay, 48; Common Crow, 62; Fish Crow, 3; Carolina Chickadee, 63; Tufted Titmouse, 10; Brown Creeper, 53; House Wren, 1; Carolina Wren, 9; Mockingbird, 28; Catbird, 1; Brown Thrasher, 5; Robin, 6; Hermit Thrush, 3; Eastern Bluebird, 5; Golden-crowned Kinglet, 12; Ruby-crowned Kinglet, 33; Water Pipit, 383; Loggerhead Shrike, 27; Starling, 140; Solitary Vireo, 2; Myrtle Warbler, 53; Pine Warbler, 8; Palm Warbler, 6; Yellowthroat, 2; House Sparrow, 3; Eastern Meadowlark, 124; Redwinged Blackbird, 1500; **Baltimore Oriole, 3**; Brown-headed Cowbird, 152; Cardinal, 137; Am. Goldfinch, 2; Rufous-sided Towhee, 24; Savannah Sparrow, 84; Vesper Sparrow, 7; Chipping Sparrow, 12; Field Sparrow, 65; White-throated Sparrow, 65; Fox Sparrow, 2; Swamp Sparrow, 11; Song Sparrow, 24. **Total,** 81 species; about 43,124 individuals.—Gilbert Bristow, Gordon H. Brown, Art Buehler, Mrs. L. A. Burgess, William A. Reid (compiler).

222. Spartanburg, S. C. (all points within a 15-mile diameter circle, center Spartanburg, including Zimmerman, Pierce and Johnson Lakes, Sewage Disposal plant; open farmlands 15%, town suburbs 20%, mixed woodlands 20%, fresh-water lakes, ponds and marshes 45%).—Jan. 3; 8 a.m. to 5:30 p.m. Clear; temp. 38° to 50°; wind SW, 8-12 m.p.h. Seven observers in 3 parties. Total party-hours, 17 (12 on foot, 5 by car); total party-miles, 80 (10 on foot, 70 by car). ► Pied-billed Grebe, 1; Turkey Vulture, 3; Black Vulture, 4; Red-tailed Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 6; Bobwhite, 12; Killdeer, 14; Mourning Dove, 31; Belted Kingfisher, 2; Yellow-shafted Flicker, 5; Red-bellied Woodpecker, 6; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 2; Downy Woodpecker, 3; Blue Jay, 52; Common Crow, 35; Carolina Chickadee, 26; Tufted Titmouse, 32; Red-breasted Nuthatch, 1; Brown-headed Nuthatch, 3; Brown Creeper, 3; Carolina Wren, 14; Mockingbird, 23; Brown Thrasher, 3; Robin, 38; Eastern Bluebird, 52; Golden-crowned Kinglet, 1; Ruby-crowned Kinglet, 5; Sprague's Pipit, 1 [no details, not even underlined as unusual.—Ed.]; Cedar Waxwing, 18; Loggerhead Shrike, 9; Starling, 756; Myrtle Warbler, 7; Pine Warbler, 7; House Sparrow, 75; Eastern Meadowlark, 64; Cardinal, 46; Purple Finch, 68; Am. Goldfinch, 55; Rufous-sided Towhee, 58; Savannah Sparrow, 8; Slate-colored Junco, 99; Field Sparrow, 45; White-throated Sparrow, 115; Swamp Sparrow, 2; Song Sparrow, 12. **Total,** 47 species; about 1827 individuals.—Gabriel Cannon, Louise Carlisle, Ruth Crick (compiler), Paul Crosby, Mrs. Louise Spivey, Dr. and Mrs. J. O. Watkins.

223. **Atlanta, Ga.** (all points within a 15-mile diameter circle, center State Capitol Bldg.; fields 20%, ponds and streams 20%, parks 10%, woods 30%, marsh 2%, residential 13%, roadsides 5%).—Dec. 27; 7:30 a.m. to 5:30 p.m. Cloudy a.m., clear p.m; temp. 58° to 67°; wind 5-10 m.p.h. Twenty-one observers in 6 parties. Total party-hours, 48 (36 on foot, 12 by car); total party-miles, 93 (18 on foot, 75 by car). ► Pied-billed Grebe, 15; Great Blue Heron, 2; Mallard, 6; Ring-necked Duck, 8; Lesser Scaup, 3; Turkey Vulture, 1; Red-tailed Hawk, 7; Red-shouldered Hawk, 4; Marsh Hawk, 1; Sparrow Hawk, 6; Bobwhite, 8; Am. Coot, 15; Killdeer, 31; Am. Woodcock, 2; Common Snipe, 25; Mourning Dove, 156, **Barn Owl, 1**; Barred Owl, 1; Belted Kingfisher, 4; Yellow-shafted Flicker, 19; Pileated Woodpecker, 2; Red-bellied Woodpecker, 13; Red-headed Woodpecker, 3; Yellow-bellied Sapsucker, 5; Hairy Woodpecker, 1; Downy Woodpecker, 8; Eastern Phoebe, 5; Horned Lark, 5; Blue Jay, 40; Common Crow, 220; Carolina Chickadee, 36; Tufted Titmouse, 34; White-breasted Nuthatch, 26; Red-breasted Nuthatch, 2; Brown-headed Nuthatch, 9; Brown Creeper, 1; House Wren, 1; Winter Wren, 7; Bewick's Wren, 1; Carolina Wren, 53; Mockingbird, 80; Brown Thrasher, 26; Robin, 145; Hermit Thrush, 2; Eastern Bluebird, 44; Golden-crowned Kinglet, 23; Ruby-crowned Kinglet, 11; Water Pipit, 75; Cedar Waxwing, 220; Loggerhead Shrike, 8; Starling, 350; Myrtle Warbler, 36; Pine Warbler, 3; Yellowthroat, 1; **Yellow-breasted Chat, 1**; House Sparrow, 120; Eastern Meadowlark, 56; Redwinged Blackbird, 200; **Baltimore Oriole, 1**; Rusty Blackbird, 25; Common Grackle, 40; Brown-headed Cowbird, 10; Cardinal, 110; Purple Finch, 64; Pine Siskin, 3; Am. Goldfinch, 120; Rufous-sided Towhee, 164; Savannah Sparrow, 45; Vesper Sparrow, 5; Slate-colored Junco, 585; Chipping Sparrow, 46; Field Sparrow, 152; White-throated Sparrow, 600; Fox Sparrow, 5; Swamp Sparrow, 57; Song Sparrow, 120. **Total,** 76 species; about 4340 individuals.—Mrs. Sam Anderson, Sam Austin, Scott Austin, Jimmy Cook, Mrs. James K. Dobbs, Wallace Dreyfoos, Lewis Fink, Rufus Godwin (compiler), Mrs. Lewis Gordon, Bill Griffin, Mr. and Mrs. Francis Hill, Craig Hill, Bob Holmes, John McClatchey, Russell Morrison, Joe Murphy, Jack Murphy, Richard Parks, Drury Simpson, Mrs. Ruth Stamm (Atlanta Bird Club).

224. **Columbus, Ga.** (all points within a 15-mile diameter circle, center 8.5 miles north of Courthouse, including Lake Huston and south part of Lake Harding; pinelands 30%, pastures 30%, lakes 20%, parks 5%, back yards 5%, mixed woods and edges 10%).—Jan. 1; 7 a.m. to 6 p.m. Mostly drizzling; temp. 38° to 44°; wind W to NE, 2-15 m.p.h. Fifteen observers in 6 parties. Total party-hours, 52 (37 on foot, 15 by car); total party-miles, 200 (40 on foot, 160 by car). ► Common Loon, 2; Pied-billed Grebe, 1; Great Blue Heron, 3; Mallard, 12; Ring-necked Duck, 21; Lesser Scaup, 16; Common Goldeneye, 2; Bufflehead, 38; Turkey Vulture, 3; Black Vulture, 8; Cooper's Hawk, 1; Red-tailed Hawk, 3; Red-shouldered Hawk, 1; Osprey, 2; Sparrow Hawk, 4; Bobwhite, 39; Am. Coot, 1; Killdeer, 65; Am. Woodcock, 1; Common Snipe, 6; Herring Gull, 75; Ring-billed Gull, 26; Mourning Dove, 181; Belted Kingfisher, 4; Yellow-shafted Flicker, 33; Red-bellied Woodpecker, 17; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 16; Red-cockaded Woodpecker, 5; Eastern Phoebe, 1; Blue Jay, 112; Common Crow, 67; Fish Crow, 8; Carolina Chickadee, 38; Tufted Titmouse, 46; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 2; Brown-headed Nuthatch, 96; Brown Creeper, 5; Winter Wren, 2; Bewick's Wren, 2; Carolina Wren, 46; Mockingbird, 24; Brown Thrasher, 31; Robin, 403; Hermit Thrush, 2; Eastern Bluebird, 64; Golden-crowned Kinglet, 21; Ruby-crowned Kinglet, 30; Water Pipit, 250; Cedar Waxwing, 410; Loggerhead Shrike, 5; Starling, 254; Myrtle Warbler, 160; Pine Warbler, 130; Yellowthroat, 1; House Sparrow, 177; Eastern Meadowlark, 530; Redwinged Blackbird, 206; Rusty Blackbird, 200; Brown-headed Cowbird, 1; Cardinal, 124; Purple Finch, 5; Pine Siskin, 3; Am. Goldfinch, 230; Rufous-sided Towhee, 116; Savannah Sparrow, 121; Vesper Sparrow, 2; Slate-colored Junco, 431; Chipping Sparrow, 89; Field Sparrow, 105; White-throated Sparrow, 393; Fox Sparrow, 2; Swamp Sparrow, 8; Song Sparrow, 42. **Total,** 77 species; about 5590 individuals. (Seen in area count period, but not on count day: Marsh Hawk, Pigeon Hawk, Great Horned Owl, Pileated Woodpecker, House Wren, Bachman's Sparrow, White-crowned Sparrow.)—Sumpter Blackmon, Mrs. Marion Clemmons, Julian L. Dusi, Mrs. Julian L. Dusi, Harry T. Geeslin, Jr., Margaret A. Jordan, Mrs. Florence Lynn, Mrs. George W. Mathews, Rebekah Patrick, Mrs. Jack Sealy, Mrs. Catherine Siegelack, Dan R. Watson, Mrs. Dan R. Watson, L. A. Wells (compiler), Mrs. L. A. Wells.

225. **Dalton, Ga.** (all points within a 15-mile diameter circle, center 2 miles north of Dalton on Highway 71; mixed woods 30%, fields, pastures 30%, ponds, streams 25%, roadside 10%, marsh 5%).—Dec. 23; 7:15 a.m. to 6 p.m. Overcast, brief sunny intervals; temp. 37° to 45°; wind ENE, 0-12 m.p.h. Ten observers in 3 parties. Total party-hours, 24 (16 on foot, 8 by car); total party-miles, 95 (18 on foot, 77 by car). ► Pied-billed Grebe, 1; Great Blue Heron, 3; Canada Goose, 13; Turkey Vulture, 11; Red-shouldered Hawk, 1; Marsh Hawk, 3; Sparrow Hawk, 5; Bobwhite, 7; Killdeer, 12; Mourning Dove, 80; Barn Owl, 1; Belted Kingfisher, 4; Yellow-shafted Flicker, 4; Pileated Woodpecker, 2; Red-bellied Woodpecker, 9; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 3; Downy Woodpecker, 7; Horned Lark, 18; Blue Jay, 88; Common Crow, 362; Carolina Chickadee, 33; Tufted Titmouse, 36; White-breasted Nuthatch, 1; Brown Creeper, 3; House Wren, 1; Winter Wren, 2; Bewick's Wren, 2; Carolina Wren, 23; Short-billed Marsh Wren, 2; Mockingbird, 73; Brown Thrasher, 5; Robin, 75; Hermit Thrush, 1; Eastern Bluebird, 36; Golden-crowned Kinglet, 3; Ruby-crowned Kinglet, 3; Cedar Waxwing, 18; Loggerhead Shrike, 5; Starling, 491; Myrtle Warbler, 3; Pine Warbler, 5; House Sparrow, 116; Eastern Meadowlark, 242; Redwinged Blackbird, 10,000; Rusty Blackbird, 10,142; Common Grackle, 4; Brown-headed Cowbird, 1; Cardinal, 92; Purple Finch, 54; Am.

Goldfinch, 48; Rufous-sided Towhee, 58; Savannah Sparrow, 1; Slate-colored Junco, 98; Chipping Sparrow, 23; Field Sparrow, 98; White-throated Sparrow, 88; Fox Sparrow, 2; Swamp Sparrow, 5; Song Sparrow, 32. **Total,** 60 species; about 22,562 individuals. (Seen in area count period, but not on count day: Red-headed Woodpecker.)—Mrs. Kenneth Boring, Chloe Cox, Mrs. W. C. Cox, Sr., Mrs. R. E. Hamilton (compiler), Billy Hathcock, Mrs. Hermon King, Mrs. Sarah Lloyd, Warren Martin, Mrs. F. M. Munn, Mrs. Julian Sapp.

226. Ida Cason Callaway Gardens, Ga. (within 2500 acres near Pine Mountain; abandoned fields and golf course 20%, lakes and ponds 20%, pine and mixed woods 60%; much of wooded area logged and thinned during past several months, resulting in loss of some ground cover).—Jan. 3; 7:45 a.m. to 6:45 p.m. Clear to partly cloudy; temp. 45° to 55°; wind W to NW, 10-20 m.p.h. Fifteen observers in 5 parties. Total party-hours, 28 (20 on foot, 8 by car); total party-miles, 80 (20 on foot, 60 by car; 11 miles of roads within Gardens). ► Pied-billed Grebe, 4; Great Blue Heron, 1; Canada Goose, 21; Mallard, 12; Am. Widgeon, 1; Ring-necked Duck, 7; Lesser Scaup, 8; Hooded Merganser, 9; Turkey Vulture, 10; Black Vulture, 14; Sharp-shinned Hawk, 1; Red-tailed Hawk, 3; Red-shouldered Hawk, 2; Marsh Hawk, 2; Bobwhite, 70; Killdeer, 28; Ring-billed Gull, 1; Mourning Dove, 2; Belted Kingfisher, 2; Yellow-shafted Flicker, 9; Pileated Woodpecker, 1; Red-bellied Woodpecker, 6; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 7; Eastern Phoebe, 5; Blue Jay, 12; Common Crow, 100; Carolina Chickadee, 35; Tufted Titmouse, 15; Brown-headed Nuthatch, 80; Brown Creeper, 1; Carolina Wren, 20; Mockingbird, 20; Brown Thrasher, 1; Robin, 150; Hermit Thrush, 3; Eastern Bluebird, 35; Golden-crowned Kinglet, 25; Ruby-crowned Kinglet, 15; Water Pipit, 60; Cedar Waxwing, 21; Loggerhead Shrike, 5; Starling, 200; Myrtle Warbler, 500; Pine Warbler, 13; Palm Warbler, 2; Eastern Meadowlark, 100; Redwinged Blackbird, 500; Cardinal, 50; **Blue Grosbeak, 1** (carefully studied at 20 yards—R.G., H.P.); Purple Finch, 10; Am. Goldfinch, 50; Rufous-sided Towhee, 21 (White-eyed, 6); Savannah Sparrow, 300; Vesper Sparrow, 10; Slate-colored Junco, 500; Chipping Sparrow, 200; Field Sparrow, 100; White-throated Sparrow, 75; Fox Sparrow, 5; Swamp Sparrow, 10; Song Sparrow, 80. **Total,** 64 species (1 additional race); about 3555 individuals. (Seen in area count period, but not on count day: Sparrow Hawk, Winter Wren.) —Mr. and Mrs. R. B. Godwin, Mrs. Walter Jones, Mrs. Florence Lynn, Robert Overing, Gladys Ozley, Mr. and Mrs. H. S. Peters, Mrs. F. G. Pierce, Sadie Shannon, Win Shaughnessy (compiler), Mr. and Mrs. L. A. Wells, Mrs. J. H. Whiteman, Mrs. C. O. Williams (Ida Cason Callaway Gardens Bird Study Program).

227. Milledgeville, Ga. (all points within a 15-mile diameter circle, center on Campus of G.S.C.W., including Airport, Fort Wilkinson, Lake Sinclair dam; mixed pine and hardwoods 30%, fields and pastures 30%, buttonwood swamp 15%, lake shore 15%, residential 10%).—Jan. 2; 7:30 a.m. to 5 p.m. Cloudy, misty-foggy; temp. 36° to 43°; wind N, 0-10 m.p.h.; ground bare, water unfrozen. Three observers in 1 party. Total party-hours, 20 (6 on foot, 14 by car); total party-miles, 43 (8 on foot, 35 by car). ► Great Blue Heron, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Sparrow Hawk, 2; Killdeer, 11; Ring-billed Gull, 6; Mourning Dove, 1; Barred Owl, 1; Yellow-shafted Flicker, 11; Red-bellied Woodpecker, 4; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 2; Downy Woodpecker, 1; Blue Jay, 23; Common Crow, 10; Carolina Chickadee, 1; Tufted Titmouse, 2; White-breasted Nuthatch, 2; Winter Wren, 1; Carolina Wren, 4; Mockingbird, 6; Brown Thrasher, 7; Robin, 7; Hermit Thrush, 1; Eastern Bluebird, 27; Ruby-crowned Kinglet, 5; Cedar Waxwing, 41; Loggerhead Shrike, 6; Starling, 1287; Myrtle Warbler, 1; Yellowthroat, 1; House Sparrow, 120; Eastern Meadowlark, 37; Rusty Blackbird, 9; Common Grackle, 55; Cardinal, 35; Am. Goldfinch, 68; Rufous-sided Towhee, 33; Savannah Sparrow, 30; Slate-colored Junco, 80; Field Sparrow, 51; White-throated Sparrow, 52; Swamp Sparrow, 8; Song Sparrow, 35. **Total,** 44 species; about 2082 individuals.—Robbie O. Hattaway, Jr., Alice Alden Jones, Harold C. Jones (compiler).

228. Okefenokee National Wildlife Refuge, Ga. (all points within a 15-mile diameter circle, center about 4 miles north of Camp Cornelia, extending northward to Durden Landing, eastward to the St. Mary's River, southward to include Chesser Island and Chesser Prairie, westward to forks of Suwannee Canal and including Chase Prairie; water courses 10%, swamp prairies 30%, open fields and field borders 25%, pine barrens 15%, deciduous forest and river-bottom 20%).—Jan. 2; 7 a.m. to 5 p.m. Cloudy; temp. 49° to 69°; wind NW, 0-8 m.p.h.; foggy morning, visibility poor all day. Eleven observers in 5 parties. Total party-hours, 41 (20 on foot, 3 by car, 18 by boat); total party-miles, 117 (9 on foot, 65 by car, 43 by boat). ► Pied-billed Grebe, 2; Anhinga, 26; Great Blue Heron, 20; Green Heron, 2; Common Egret, 34; Black-crowned Night Heron, 1; Mallard, 91; Black Duck, 37; Pintail, 4; Wood Duck, 307; Ring-necked Duck, 97; Hooded Merganser, 13; Turkey Vulture, 85; Black Vulture, 66; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 4; Red-shouldered Hawk, 31; Bald Eagle, 1; Marsh Hawk, 2; **Pigeon Hawk,** 1; Sparrow Hawk, 12; Bobwhite, 55; Turkey, 5; Sandhill Crane, 29; King Rail, 1; **Virginia Rail,** 1 (flew into tower, captured); Killdeer, 2; **Am. Woodcock,** 1; Common Snipe, 5; Spotted Sandpiper, 1; Mourning Dove, 150; Ground Dove, 4; Screech Owl, 1; Barred Owl, 13; Belted Kingfisher, 20; Yellow-shafted Flicker, 75; Pileated Woodpecker, 48; Red-bellied Woodpecker, 43; Red-headed Woodpecker, 12; Yellow-bellied Sapsucker, 21; Hairy Woodpecker, 1; Downy Woodpecker, 15; Red-cockaded Woodpecker, 1; Eastern Phoebe, 19; Tree Swallow, 125; Blue Jay, 40; Common Crow, 37; Carolina Chickadee, 3; Tufted Titmouse, 20; Brown-headed Nuthatch, 9; Brown Creeper, 1; House Wren, 11; Carolina Wren, 19; Long-billed Marsh Wren, 2;

Short-billed Marsh Wren, 1; Mockingbird, 63; Catbird, 36; Brown Thrasher, **62**; Robin, 1034; Hermit Thrush, 11; Eastern Bluebird, 54; Blue-gray Gnatcatcher, 7; Golden-crowned Kinglet, 8; Ruby-crowned Kinglet, 24; Water Pipit, 29; Loggerhead Shrike, 7; Starling, 32; White-eyed Vireo, 2; Solitary Vireo, 2; Black-and-white Warbler, 5; Orange-crowned Warbler, 4; Myrtle Warbler, 518; Yellow-throated Warbler, 2; Pine Warbler, 32; **Prairie Warbler, 2** (J.B.); Palm Warbler, 9; Yellowthroat, 15; House Sparrow, 65; Eastern Meadowlark, 180; Redwinged Blackbird, 837; Common Grackle, 57; Cardinal, 69; Purple Finch, 4; Am. Goldfinch, 99; Rufous-sided Towhee, 45; Savannah Sparrow, 47; Henslow's Sparrow, 1; Vesper Sparrow, 33; Bachman's Sparrow, 2; Slate-colored Junco, 14; Chipping Sparrow, 184; Field Sparrow, 20; White-throated Sparrow, 132; Fox Sparrow, 1; Swamp Sparrow, 13; Song Sparrow, 14. **Total,** 97 species; about 5405 individuals.—John Burch, Eugene Cypert (compiler), Mary Lou Cypert, Rose Forney, Fred Hebard, Kelley Lee, Roy Moore, James Roberts, Ivan Tomkins, John Weld, Jane Whiteman.

229. Rome, Ga. (all points within a 15-mile diameter circle, center at Second and Broad Streets, including Jones Lake, Wax Lake, Darlington School, Rome Nature Park, Berry Schools, Russell Airport; pasture and stubble 25%, pine woods 40%, deciduous woods 15%, lake shore 10%, town suburbs 10%).—Dec. 27; 4 a.m. to 6 p.m. Cloudy most of day; temp. 54° to 65°; wind SE, 8 m.p.h. Eight observers in 7 parties. Total party-hours, 58 (50 on foot, 8 by car); total party-miles, 116 (30 on foot, 86 by car). ► Pied-billed Grebe, 30; Mallard, 2; Ring-necked Duck, 259; Lesser Scaup, 12; Bufflehead, 1; Ruddy Duck, 12; Turkey Vulture, 14; Cooper's Hawk, 1; Red-tailed Hawk, 5; Red-shouldered Hawk, 1; Marsh Hawk, 3; Peregrine Falcon, 1; Sparrow Hawk, 7; Bobwhite, 11; Am. Coot, 53; Killdeer, 3; Common Snipe, 1; Mourning Dove, 561; **Yellow-billed Cuckoo,** 1 (seen well—Mrs. J.L.H.); Barn Owl, 1; Screech Owl, 2; Barred Owl, 1; Belted Kingfisher, 7; Yellow-shafted Flicker, 37; Pileated Woodpecker, 1; Red-bellied Woodpecker, 15; Red-headed Woodpecker, 3; Yellow-bellied Sapsucker, 6; Downy Woodpecker, 16; Red-cockaded Woodpecker, 1; Eastern Phoebe, 1; Horned Lark, 1; Blue Jay, 206; Common Crow, 187; Carolina Chickadee, 92; Tufted Titmouse, 46; White-breasted Nuthatch, 6; Brown-headed Nuthatch, 27; Brown Creeper, 2; Winter Wren, 5; Carolina Wren, 22; Mockingbird, 125; Brown Thrasher, 4; Robin, 411; Hermit Thrush, 1; Eastern Bluebird, 73; Golden-crowned Kinglet, 21; Ruby-crowned Kinglet, 11; Water Pipit, 1; Cedar Waxwing, 909; Loggerhead Shrike, 18; Starling, 1074; Myrtle Warbler, 40; Pine Warbler, 15; House Sparrow, 104; Eastern Meadowlark, 395; Redwinged Blackbird, **41,740**; Rusty Blackbird, **51,100**; Brewer's Blackbird, **10,120**; Common Grackle, 2190; Cardinal, 162; **Evening Grosbeak,** 13; Purple Finch, 18; Pine Siskin, 3; Am. Goldfinch, 265; Rufous-sided Towhee, 113; Savannah Sparrow, 30; Grasshopper Sparrow, 17; Vesper Sparrow, 15; Slate-colored Junco, 546; Chipping Sparrow, 131; Field Sparrow, 443; White-throated Sparrow, 362; Fox Sparrow, 17; Swamp Sparrow, 24; Song Sparrow, 90. **Total,** 76 species; about 112,264 individuals. (Seen in area count period, but not on count day: Great Blue Heron, Gadwall, Red-breasted Nuthatch, Bewick's Wren, White-crowned Sparrow.)—H. Gordon Anderson, George A. Dorsey (compiler), Philip M. Ham, Mrs. J. L. Henderson, Wilson D. Lovett, Richard H. Lux, Ben L. Maulsby, Louise Nunnally (Floyd County Audubon Society).

230. Sapelo Island, Ga. (all points within a 15-mile diameter circle, center Sapelo Island, 10 miles long and 3 miles wide, separated from mainland by extensive estuaries and salt marshes; fresh-water ponds and marshes 20%, ocean beach 20%, habitation grounds 20%, salt marshes and estuaries 10%, oak forest 10%, pine forest 10%, open fields and pastures 10%).—Jan. 2; 8 a.m. to 6 p.m. Rain a.m., fog after 4 p.m., temp. 45° to 55°; wind SW, 5-15 m.p.h. Three observers in 1 party. Total party-hours, 10 (6 on foot, 4 by car and boat); total party-miles, 25 (5 on foot, 20 by car and boat). ► Horned Grebe, 2; Pied-billed Grebe, 1; Brown Pelican, 12; Double-crested Cormorant, 95; Great Blue Heron, 8; Green Heron, 1; Common Egret, 10; Snowy Egret, 6; Mallard, 6; Ring-necked Duck, 1; Canvasback, 1; Lesser Scaup, 500; Bufflehead, 6; Ruddy Duck, 1; Hooded Merganser, 2; Common Merganser, 2; Red-breasted Merganser, 8; Turkey Vulture, 30; Black Vulture, 2; Cooper's Hawk, 2; Red-tailed Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 6; Chachalaca, 6 (introduced 31 years ago); Clapper Rail, 20; Am. Coot, 50; Am. Oystercatcher, 30; Semipalmated Plover, 100; Piping Plover, 3; Black-bellied Plover, 66; Ruddy Turnstone, 45; Common Snipe, 2; Spotted Sandpiper, 2; Willet, 10; Greater Yellowlegs, 2; Least Sandpiper, 6; Dunlin, 2000; Short-billed Dowitcher, 25; Semipalmated Sandpiper, 50; Western Sandpiper, 400; **Marbled Godwit, 50** (on beach); Sanderling, 6; Herring Gull, 25; Ring-billed Gull, 60; Laughing Gull, 2; Bonaparte's Gull, 2; Forster's Tern, 100; Royal Tern, 25; Black Skimmer, 150; Mourning Dove, 49; Ground Dove, 3; Belted Kingfisher, 6; Yellow-shafted Flicker, 29; Pileated Woodpecker, 1; Red-bellied Woodpecker, 8; Yellow-bellied Sapsucker, 2; Downy Woodpecker, 2; Eastern Phoebe, 3; Tree Swallow, 50; Common Crow, 20; Fish Crow, 1; Carolina Chickadee, 24; House Wren, 5; Winter Wren, 2; Carolina Wren, 8; Long-billed Marsh Wren, 16; Mockingbird, 12; Catbird, 1; Brown Thrasher, 2; Robin, 75; Hermit Thrush, 6; Eastern Bluebird, 13; Ruby-crowned Kinglet, 8; Water Pipit, 3; Loggerhead Shrike, 3; Starling, 40; Myrtle Warbler, 150; Yellow-throated Warbler, 2; Pine Warbler, 1; Palm Warbler, 55; Yellowthroat, 1; Eastern Meadowlark, 100; Redwinged Blackbird, 150; Cardinal, **500**; Am. Goldfinch, 6; Rufous-sided Towhee, 15; Savannah Sparrow, 75; Sharp-tailed Sparrow, 8; Seaside Sparrow, 50; Chipping Sparrow, 10; Field Sparrow, 2; Song Sparrow, 40. **Total,** 92 species; about 5499 individuals. (Seen in area count period, but not on count day: Louisiana Heron, Turkey.)—Wyatt W. Anderson, Herbert W. Kale (compiler), Richard Williams (Univ. of Georgia Marine Institute).

231. Sherwood and Birdsong Plantations, Ga. (all points within 1500 acres in Grady County; open fields and pastures 50%, pinelands and mixed hard woods 30%, gum swamp and ponds 20%; 2 ponds dry, 8 full).—Dec. 28; 6 a.m. to 7 p.m.; temp. 63° to 74°; wind S to NW, 5-30 m.p.h. One observer. Total hours, 13 (10 on foot, 1 by car, 2 at feeders); total miles, 25 (14 on foot, 11 by car). ► Pied-billed Grebe, 4; Anhinga, 6; Great Blue Heron, 3; Common Egret, 1; Mallard, 6; Black Duck, 7; Wood Duck, 52; Ring-necked Duck, 3; Turkey Vulture, 150 (roost); Black Vulture, 500 (roost); Red-shouldered Hawk, 6; Sparrow Hawk, 2; Bobwhite, 29; Turkey, 42 (in addition many heard); Killdeer, 19; Common Snipe, 1; Mourning Dove, 30; Ground Dove, 3; Screech Owl, 3; Great Horned Owl, 2; Barred Owl, 6; Belted Kingfisher, 1; Yellow-shafted Flicker, 17; Pileated Woodpecker, 6; Red-bellied Woodpecker, 8; Red-headed Woodpecker, 7; Yellow-bellied Sapsucker, 7; Downy Woodpecker, 2; Eastern Phoebe, 4; Blue Jay, 20; Common Crow, 15; Carolina Chickadee, 4; Tufted Titmouse, 6; White-breasted Nuthatch, 2; Brown-headed Nuthatch, 3; House Wren, 2; Carolina Wren, 10; Mockingbird, 8; Brown Thrasher, 6; Robin, 12; Hermit Thrush, 3; Eastern Bluebird, 10; Ruby-crowned Kinglet, 3; Loggerhead Shrike, 3; Starling, 60+; Orange-crowned Warbler, 2; Myrtle Warbler, 19; Yellow-throated Warbler, 1; Pine Warbler, 7; Yellowthroat, 2; Eastern Meadowlark, 553+; Redwinged Blackbird, 661+; Common Grackle, 2; Brown-headed Cowbird, 25; Cardinal, 92; Am. Goldfinch, 10; Rufous-sided Towhee, 17; Savannah Sparrow, 1; Vesper Sparrow, 1; Chipping Sparrow, 61; White-throated Sparrow, 39; Swamp Sparrow, 2; Song Sparrow, 2. **Total,** 63 species; more than 2591 individuals. (Seen in area count period, but not on count day: Marsh Hawk, Whip-poor-will.) —Herbert L. Stoddard, Sr.

232. Atlantic Ocean off Cocoa Beach, Fla. (5 to 20 miles southeast of Cocoa Beach; aboard *Miss Charleston* from 8 a.m. to 5:30 p.m.; thousands of birds around Port Canaveral and adjacent ocean within 5 miles of shore not included in this report; open ocean 100%).—Jan. 3; 8:30 a.m. to 5 p.m. Clear to cloudy; temp. 64° to 72°; wind S to SW, 18-10 m.p.h.; rough ocean subsiding to moderate chop. Three observers in 1 party. Total party-hours, 8½ (by boat); total party-miles, 50 (by boat). ► Brown Pelican, 158; Gannet, 47; Red Phalarope, **56**; phalarope (sp.), 35; Pomarine Jaeger, **8**; Parasitic Jaeger, **14**; jaeger (sp.), 12; Herring Gull, 110; Ring-billed Gull, 350; Laughing Gull, 312; Bonaparte's Gull, 15; **Black-legged Kittiwake, 1** (immature within 50 ft. of boat 3 times); Royal Tern, 256; gulls and terns (spp.), 1000+. **Total,** 11 species; more than 2374 individuals. (Seen in area count period, but not on count day: exhausted **Bridled Tern** landed on boat Dec. 23; caught by John Johnson, seen by numerous observers; second winter record for U. S.) —Allan D. Cruickshank (compiler), Michael Oboiko, Conrad Yost (Indian River Audubon Society).

233. Bradenton, Fla. (all points within a 15-mile diameter circle, center Warner's Bayou, Manatee River; gulf and beaches 4%, bay and bayshores 35%, rivers and bayou 6%, inhabited areas 11%, salt marsh and mangrove 3%, farm, ranch and groves 30%, mixed woods 10%, fresh-water lakes, ponds 1%).—Dec. 29; 7 a.m. to 6 p.m. Light clouds; temp. 58° to 70°; wind NE, 5-12 m.p.h. Thirty-eight observers in 16 parties. Total party-hours, 127 (71 on foot, 56 by car); total party-miles, 542 (62 on foot, 480 by car). ► Common Loon, 5; **Red-throated Loon, 1** (carefully identified—C.A.); Horned Grebe, 8; Pied-billed Grebe, 5; White Pelican, 4; Brown Pelican, 434; Double-crested Cormorant, 1282; Anhinga, 49; Magnificent Frigate-bird, 2; Great Blue Heron, 97; Green Heron, 7; Little Blue Heron, 142; Cattle Egret, **69**; Common Egret, 103; Snowy Egret, 237; Louisiana Heron, 51; Black-crowned Night Heron, 4; Yellow-crowned Night Heron, 56; Wood Ibis, 17; White Ibis, 220; Mallard, 4; Mottled Duck, 17; Shoveler, 1; Lesser Scaup, **19** (usually over 1000); **Hooded Merganser, 1**; **Common Merganser, 1** (present since Dec. 12); Red-breasted Merganser, 197; Turkey Vulture, 83; Black Vulture, 68; Cooper's Hawk, 1; Red-tailed Hawk, 6; Red-shouldered Hawk, 8; Bald Eagle, 10; Marsh Hawk, 26; Osprey, 1; Sparrow Hawk, 113; Bobwhite, 329; Common Gallinule, 23; Am. Coot, 11; Am. Oystercatcher, 1; Semipalmated Plover, 94; Snowy Plover, 2; Wilson's Plover, 50; Killdeer, 147; Black-bellied Plover, 74; Ruddy Turnstone, 130; Common Snipe, 7; **Whimbrel, 3**; Spotted Sandpiper, 12; Willet, 155; Greater Yellowlegs, 14; Lesser Yellowlegs, 5; Knot, 221; Least Sandpiper, 60; Dunlin, 198; Short-billed Dowitcher, 144; Semipalmated Sandpiper, 320; Western Sandpiper, 64; Sanderling, 302; Herring Gull, 232; Ring-billed Gull, 1823; Laughing Gull, 1193; Bonaparte's Gull, **27**; Forster's Tern, 38; **Common Tern, 4** (carefully identified—A.C.B.); Royal Tern, 329; Sandwich Tern, 19; **Caspian Tern, 1**; Black Skimmer, 972; Mourning Dove, 477; Ground Dove, 142; **Smooth-billed Ani, 1** (still present Dec. 31); Screech Owl, 1; Great Horned Owl, 2; **Ruby-throated Hummingbird, 2**; Belted Kingfisher, 70; Yellow-shafted Flicker, 71; Pileated Woodpecker, 2; Red-bellied Woodpecker, 73; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 6; Downy Woodpecker, 11; **Western Kingbird, 2**; Eastern Phoebe, 6; Tree Swallow, 3319; Blue Jay, 109; Scrub Jay, 1; Common Crow, 22; Fish Crow, 8; Tufted Titmouse, 3; Carolina Wren, 13; Mockingbird, 390; Catbird, 28; Brown Thrasher, 9; Robin, 1480; Eastern Bluebird, 10; Blue-gray Gnatcatcher, 46; Water Pipit, 10; Cedar Waxwing, 11; Loggerhead Shrike, 119; Starling, 67; White-eyed Vireo, 1; Black-and-white Warbler, 11; **Black-throated Blue Warbler, 1** (M.M.); Myrtle Warbler, 54; Yellow-throated Warbler, 9; Pine Warbler, 1; Prairie Warbler, 14; Palm Warbler, 177; Ovenbird, 1; Yellowthroat, 1; House Sparrow, 206; Eastern Meadowlark, 155; Redwinged Blackbird, 1298; Rusty Blackbird, 6; Boat-tailed Grackle, 9; Common Grackle, 168; Brown-headed Cowbird, 13; Cardinal, 91; Am. Goldfinch, 268; Rufous-sided Towhee, 36; Savannah Sparrow, 43; Grasshopper Sparrow, 1; **Lark Sparrow, 2** (present all month); Chipping Sparrow, 49; Field Sparrow, 3. **Total,** 126 species; about 19,482 individuals. (Seen in area count

period, but not on count day: Blue-winged Teal, Marbled Godwit, Orange-crowned Warbler.)—Mr. and Mrs. Charles Atwood, K. C. Atwood, Jr., B. A. Barber, Mrs. J. H. Blackburn, Jean Blackburn, Mr. and Mrs. H. G. Bower, Mr. and Mrs. A. C. Brettle, Mr. and Mrs. Talbot Brewer (compilers), Mrs. Burleigh Cartmell, Philip Clark, Mrs. Marion Daughtrey, Mr. and Mrs. William Dodd, Adelaide Gardner, Walter Gossman, L. Hawkes, Eleanor Herrick, Allen Hitch, Kathleen Houck, Jeanette Jordan, Mr. and Mrs. Ero Keller, Davies Lazear, Weston Lazear, Mary Miller, Mr. and Mrs. R. D. Morgan, Mrs. C. P. Phelps, Mabel Phillips, Leslie Ryder, Carl Scott, Nellie Smith, Mrs. Emma Taylor, Mrs. Sarah Trube.

234. **Cocoa, Fla.** (all points within a 15-mile diameter circle, center 1 mile north of east end of Cocoa's Indian River bridge; diameter from ocean near Port Canaveral across Banana River, Merritt Island, Indian River, Cocoa to middle of Lake Poinsett; pinelands 22%, tidal estuaries 22%, palm hammocks and jungles 12%, gardens and citrus groves 10%, towns 9%, salt marshes and mangroves 8%, prairie 8%, fresh water and marsh 6%, ocean and beach 3%).—Dec. 29; 4:30 a.m. to 7:30 p.m. Clear to partly cloudy; temp. 74° to 54°; wind NW, 2-20-5 m.p.h.; cold front rushed in just after dawn. Fifty-one observers in 15-18 parties. Total party-hours, 210 (175 on foot, 34 by car and jeep, 1 by boat); total party-miles, 853 (60 on foot, 790 by car and jeep, 3 by boat). ► Common Loon, 14; Horned Grebe, 120; Pied-billed Grebe, 32; White Pelican, 28; Brown Pelican, 700; **Brown Booby, 1** (on Hall's Island since April!); Gannet, 5; Double-crested Cormorant, 400; Anhinga, 18; Great Blue Heron, 62; Green Heron, 26; Little Blue Heron, 200; Cattle Egret, 78; Common Egret, 210; Snowy Egret, 260; Louisiana Heron, 350; Black-crowned Night Heron, 50; Yellow-crowned Night Heron, 1; Least Bittern, 24; heron (sp.), 200+; Am. Bittern, 8; Wood Ibis, 32; Glossy Ibis, 68; White Ibis, 500+; Canada Goose, 3; **Blue Goose, 1** (many records this month); Mallard, 5; Black Duck, 12; Mottled Duck, 24; Gadwall, 5; Pintail, 460; Green-winged Teal, 72; Blue-winged Teal, 110; Am. Widgeon, 92; Shoveler, 16; Wood Duck, 1 (B.M.); Redhead, 12; Ring-necked Duck, 62; Canvasback, 1; Greater Scaup, 6 (carefully identified); Lesser Scaup, 4000; Bufflehead, 5; Ruddy Duck, 12; Hooded Merganser, 12; Red-breasted Merganser, 36; duck (sp.), 500+; Turkey Vulture, 120; Black Vulture, 45; Sharp-shinned Hawk, 3; Red-tailed Hawk, 16; Red-shouldered Hawk, 34; **Broad-winged Hawk, 3** (1—R.K.; 2—B.M., D.P.); Bald Eagle, 18 (3 on nests); Marsh Hawk, 32; Osprey, 3; Peregrine Falcon, 1; Pigeon Hawk, 2; Sparrow Hawk, 140; hawk (sp.), 11; Bobwhite, 145; Turkey, 3; Sandhill Crane, 32; King Rail, 38; Clapper Rail, 24; Virginia Rail, 6; Sora, 85; Common Gallinule, 42; Am. Coot, 1500; Semipalmated Plover, 65; Piping Plover, **65**; Wilson's Plover, 8; Killdeer, 232; Black-bellied Plover, 140; Ruddy Turnstone, 138; Common Snipe, 70; Long-billed Curlew, 3 (present since Sept.); Whimbrel, 4; Spotted Sandpiper, 14; Solitary Sandpiper, 3; Willet, **84**; Greater Yellowlegs, 85; Lesser Yellowlegs, 30; Knot, 12; **Pectoral Sandpiper, 3** (no question—Mason party); Least Sandpiper, 100; Dunlin, **2500**; Short-billed Dowitcher, 135; **Long-billed Dowitcher, 1** (carefully identified—B.M., W.R., D.P.); Stilt Sandpiper, 2 (B.M.); Semipalmated Sandpiper, 700; Western Sandpiper, 80; Marbled Godwit, 20; Sanderling, 420; Am. Avocet, 19; shorebirds (sp.), 300+; **Pomarine Jaeger, 2** (just beyond surf); Parasitic Jaeger, 1; jaeger (sp.), 6; **Glaucous Gull, 1** (present all week—30 observers); Great Black-backed Gull, 10 (3 adults); Herring Gull, 350; Ring-billed Gull, 1800; Laughing Gull, 450; Bonaparte's Gull, 125; Gull-billed Tern, 1 (2 parties); Forster's Tern, 75; Common Tern, 2; **Roseate Tern, 1** (carefully identified—D.M.); Royal Tern, 600; Sandwich Tern, 2; Caspian Tern, 38; gull and tern (spp.), 300; Black Skimmer, **2000**; Mourning Dove, 368; Ground Dove, 94; **Yellow-billed Cuckoo, 1** (seen well—L.C.); Barn Owl, 2; Screech Owl, 6; Great Horned Owl, **22** (4 on nests); Barred Owl, 6; Short-eared Owl, 1; Whip-poor-will, 1; Ruby-throated Hummingbird, 1; Belted Kingfisher, 76; Yellow-shafted Flicker, 84; Pileated Woodpecker, 8; Red-bellied Woodpecker, 88; Yellow-bellied Sapsucker, 26; Hairy Woodpecker, 3; Downy Woodpecker, 8; Red-cockaded Woodpecker, 3; **Eastern Kingbird, 1** (carefully studied—A.E., H.K.); kingbird (sp.), 1; Eastern Phoebe, 154; Tree Swallow, 2500; Barn Swallow, 2 (J.J., F.W.); Blue Jay, 77; Scrub Jay, 46; Common Crow, 3; Fish Crow, 500; Tufted Titmouse, 6; Brown-headed Nuthatch, 19; House Wren, 112; Winter Wren, 1; Carolina Wren, 82; Long-billed Marsh Wren, 36; Short-billed Marsh Wren, 26; Mockingbird, 112; Catbird, **154**; Brown Thrasher, 13; Robin, **50,000+** (only 450 last year); Hermit Thrush, 3; Eastern Bluebird, 39; Blue-gray Gnatcatcher, 78; Ruby-crowned Kinglet, 52; Water Pipit, 14; Cedar Waxwing, 25; Loggerhead Shrike, 74; Starling, 35; White-eyed Vireo, 12; Solitary Vireo, 6; Black-and-white Warbler, 9; Orange-crowned Warbler, 44; **Yellow Warbler, 1** (carefully identified—B.M., W.R., D.P.); Black-throated Blue Warbler, 2; Myrtle Warbler, 380; Black-throated Green Warbler, 1; Yellow-throated Warbler, 28; Pine Warbler, 63; Prairie Warbler, 14; Palm Warbler, 750 (some Yellow Palms); Ovenbird, 3; Northern Waterthrush, 3; Yellowthroat, 212; Yellow-breasted Chat, 2; **Am. Redstart, 1** (seen well—A.E.); House Sparrow, 250; Eastern Meadowlark, 210; Redwinged Blackbird, 2000; Baltimore Oriole, 1 (3 next day); Rusty Blackbird, 4; Boat-tailed Grackle, 750; Common Grackle, 260; Brown-headed Cowbird, 200; Cardinal, 235; Indigo Bunting, 2; Painted Bunting, 31; Dickcissel, 1 (present all week); Purple Finch, 4; Pine Siskin, 1; Am. Goldfinch, 340; Rufous-sided Towhee, 146 (mostly White-eyed); Savannah Sparrow, 342; Grasshopper Sparrow, 4; Sharp-tailed Sparrow, 3; Seaside Sparrow, 2; Vesper Sparrow, 5; Lark Sparrow, 1; Chipping Sparrow, 78; Field Sparrow, 12; White-throated Sparrow, 2; Swamp Sparrow, 120; Song Sparrow, 13; passerines (sp.), 300+. **Total,** 196 species (2 additional races); more than 83,204 individuals. (Seen in area count period, but not on count day: Magnificent Frigate-bird, **Am. Flamingo,** Common Goldeneye, Cooper's Hawk, Western Kingbird, Brown Creeper, Henslow's Sparrow, Bachman's

Sparrow.)—Fred Ackerman, Arthur Borror, Rae Borror, Elizabeth Boynton, Ralph Bullard, Leslie Case, Edward Chalif, John Creech, Allan Cruickshank (compiler), Helen Cruickshank, William Davidson, Kenneth Dubke, David Ellinor, Alonzo Ellis, Donald Ellis, James Fleugel, Jack Giltinan, Loella Grimes, William Gurr, Robert Hamilton, Joseph Howell, William Hueston, John Johnson, Richard Kuerzi, Herman Kutch, Ilse Kutch, Katherine Lewis, William Lewis, C. Russell Mason, Myrtle Maxwell, Dennis Miller, Burt Monroe, Jr., Lucile Norton, Michael Oboiko, James O'Neil, Jerry Pace, Mr. and Mrs. Dennis Paulson, William Robertson, Jr., Julian Sellers, W. Foster White, Farida Wiley, Glen Woolfenden, Conrad Yost (Indian River Audubon Society and guests).

235. Coot Bay–Everglades National Park, Fla. (all points within a 15-mile diameter circle, center ½ mile northwest of Bradley Key; Cape Sable road impassable by car, all other major sections covered; mangrove swamp 15%, tropical hardwood hammock 15%, coastal prairie 25%, lakes, bays, and Florida Bay 45%).—Jan. 3; 4 a.m. to 6 p.m. Partly cloudy to clear; temp. 67° to 81°; wind S to SW, 2-8 m.p.h.; ground fog early a.m. Sixty-five observers in 19 parties. Total party-hours, 180½ (106 on foot, 6 by car, 65 by boat, 3½ by airplane); total party-miles, 593 (77 on foot, 54 by car, 162 by boat, 300 by airplane). ► Common Loon, 5; Horned Grebe, 40; Pied-billed Grebe, 192; White Pelican, **3729**; Brown Pelican, **1606**; Double-crested Cormorant, **2254**; Anhinga, **123**; Magnificent Frigate-bird, 8; Great White Heron, **636**; Great Blue Heron, **755**; Green Heron, **300**; Little Blue Heron, 478; Cattle Egret, **7**; Reddish Egret, 27; Common Egret, **2451**; Snowy Egret, 2935; Louisiana Heron, 757; Black-crowned Night Heron, **191**; Yellow-crowned Night Heron, **51**; Am. Bittern, 5 (W.A.); Wood Ibis, **1080**; **Glossy Ibis, 1** (J.F.); White Ibis, **3487**; Roseate Spoonbill, **399**; Am. Flamingo, 5; Mottled Duck, 184; Pintail, **3085**; Green-winged Teal, **454**; Blue-winged Teal, **5670**; Am. Widgeon, 757; Shoveler, 352; Redhead, 1 (J.B. party); Canvasback, 1 (O.O., R.M.); Lesser Scaup, 7627; Ruddy Duck, 128; Red-breasted Merganser, **1208**; Turkey Vulture, **495**; Black Vulture, 76; Sharp-shinned Hawk, 2; Cooper's Hawk, 1 (G.S.); Red-shouldered Hawk, **112**; Broad-winged Hawk, 5; Short-tailed Hawk, 3; Bald Eagle, **45**; Marsh Hawk, 51; Osprey, **115**; Peregrine Falcon, 5; Pigeon Hawk, 3; Sparrow Hawk, **58**; Clapper Rail, **11**; Sora, **4**; Common Gallinule, **12**; Am. Coot, 1838; Semipalmated Plover, 99; Wilson's Plover, 5; Killdeer, 74; Black-bellied Plover, 642; Ruddy Turnstone, **224**; Common Snipe, 5; Long-billed Curlew, **24**; Whimbrel, 11; Spotted Sandpiper, 48; Willet, 719; Greater Yellowlegs, 102; Lesser Yellowlegs, 19; Knot, 25; Least Sandpiper, 1781; Dunlin, 4185; Short-billed Dowitcher, 967; Semipalmated Sandpiper, 1036; Western Sandpiper, 1653; Marbled Godwit, 105; Sanderling, **25**; Am. Avocet, **93** (J.V., O.O., R.M.); Herring Gull, 26; Ring-billed Gull, **923**; Laughing Gull, 1004; Bonaparte's Gull, 12; Gull-billed Tern, 18; Forster's Tern, **314**; **Roseate Tern, 1** (D.P. party, earlier by L.S.); Royal Tern, 369; Sandwich Tern, 19; Caspian Tern, 208; Black Skimmer, 2416; White-crowned Pigeon, 8; Mourning Dove, 28; Ground Dove, 105; **Mangrove Cuckoo, 1** (F.O. party); **Yellow-billed Cuckoo, 4** (2 by L.S., 2 by F.O. party); Barn Owl, **11**; Screech Owl, 8; Barred Owl, **16**; Whip-poor-will, 1 (S.S.); Ruby-throated Hummingbird, **25**; Belted Kingfisher, **250**; Yellow-shafted Flicker, **46**; Pileated Woodpecker, 15; Red-bellied Woodpecker, **87**; Yellow-bellied Sapsucker, **17**; Great Crested Flycatcher, **56**; Eastern Phoebe, 44; **empidonax** (sp.), 1 (W.R.); **Vermilion Flycatcher, 1** (imm. male, since Nov.); Tree Swallow, 5; Common Crow, 128; House Wren, 72; Carolina Wren, 2; Long-billed Marsh Wren, 3 (D.P.); Short-billed Marsh Wren, 3; Mockingbird, **184**; Catbird, **247**; Brown Thrasher, 8; Robin, **1965**; **Swainson's Thrush, 1** (R.R., G.S.); Blue-gray Gnatcatcher, 492; White-eyed Vireo, **147**; Yellow-throated Vireo, 3 (3 parties); Solitary Vireo, 4; Black-and-white Warbler, 38; Orange-crowned Warbler, 16; Parula Warbler, 17; **Yellow Warbler, 4** (3 parties); Yellow-throated Warbler, 36; Prairie Warbler, **129**; Palm Warbler, 217; Ovenbird, 7; Northern Waterthrush, 9; Yellowthroat, **295**; Yellow-breasted Chat, 2 (D.P.); Am. Redstart, **4** (3 parties); House Sparrow, 14; Eastern Meadowlark, 110; Redwinged Blackbird, 449; **Brewer's Blackbird, 1** (female, since Nov.); Boat-tailed Grackle, 18; Common Grackle, 542; Cardinal, **154**; **Indigo Bunting, 1** (F.L., S.S.); Painted Bunting, 50; Am. Goldfinch, 255; Rufous-sided Towhee, **23**; Savannah Sparrow, 129; Grasshopper Sparrow, 13; Sharp-tailed Sparrow, 17; Swamp Sparrow, **99**. **Total,** 146 species; about 67,614 individuals. (Seen in area count period, but not on count day: Ring-necked Duck, **Wilson's Warbler, Chipping Sparrow**.)—G. W. Aitken, Robert P. Allen, William G. Atwater, J. F. Belshe, Mrs. Christine A. Bonney, Ernest Borgman, Charles M. Brookfield, Richard F. Brooks, Joan Brousseau, Ernst Christensen, Mrs. Marie Cobb, LeBaron C. Colt, Jr., William S. Courtis, Robert E. Craig, Mrs. Francis V. Crane, Richard L. Cunningham, Mrs. Dorothy Dee, Mrs. R. N. Dickie, James B. Fleugel, Mrs. Mary A. Gasche, Tommy Gilbert, Robert Goble, Mrs. Frances Hames, Mr. and Mrs. Robert C. Hermes, Wayne G. Homan, Ty and Julie Hotchkiss, Stacy Jennings, Bob Karel, B. J. Kincaid, Gretchen H. Kincaid, Ilse and Herman F. Kuch, Jr., H. P. Langridge, R. Lethbridge, Frank J. Ligas, Robert H. Mattlin, Ralph Miele, Mrs. E. C. Miles, Mr. and Mrs. Hugh Muller, Jeanne Niswonger, Mrs. Flora E. O'Brien, O. T. Owre, Jack Partusch, Mr. and Mrs. Dennis R. Paulson, Betty Robertson, William B. Robertson, Jr. (compiler), Celina Roman, Mrs. Ruby T. Ruettger, Saul Schiffman, Mr. and Mrs. Sandy Sprunt, George B. Stevenson, Mr. and Mrs. Louis A. Stimson, Dade Thornton, Jacob M. Valentine, Jr., Edward D. Wilkins, Steve Wood, Mr. and Mrs. T. J. Wood, Edward Wysocki.

236. Corkscrew–Immokalee, Fla. (all points within a 15-mile diameter circle, center on southwest shore of Lake Trafford to include eastern part of Corkscrew Swamp Sanctuary, Corkscrew, Immokalee; pineland 60%, cypress swamps 10%, lakes 5%, residential 5%, marshes 20%).—Dec. 30; 7 a.m. to 6:30

p.m. Scattered clouds; temp. 48° to 78°; wind N, 0-15 m.p.h. Three observers in 3 parties. Total party-hours, 22 (12 on foot, 10 by car); total party-miles, 138 (13 on foot, 125 by car). ► Pied-billed Grebe, 14; Anhinga, 37; Great Blue Heron, 33; Green Heron, 16; Little Blue Heron, 90; Cattle Egret, 240; Common Egret, 93; Snowy Egret, 68; Louisiana Heron, 71; Black-crowned Night Heron, 5; Am. Bittern, 1; Wood Ibis, **1600+** (est. 800 pair nesting in Corkscrew Swamp Sanctuary); Glossy Ibis, 65; White Ibis, 422; Mottled Duck, 56; Green-winged Teal, 2; Blue-winged Teal, 14; Wood Duck, 8; Ring-necked Duck, 6; Lesser Scaup, 12; Turkey Vulture, 412; Black Vulture, 73; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 33; Bald Eagle, 3 (1 pair at nest); Marsh Hawk, 6; Osprey, 2; Sparrow Hawk, 18; Bobwhite, 11; Sandhill Crane, 16; Limpkin, 16; King Rail, 1; Common Gallinule, 4; Am. Coot, 8; Killdeer, 102; Common Snipe, 65; Greater Yellowlegs, 39; Lesser Yellowlegs, 56; Least Sandpiper, 7; Ring-billed Gull, 3; Mourning Dove, 15; Ground Dove, 24; Burrowing Owl, 1; Barred Owl, 8; Whip-poor-will, 1; Belted Kingfisher, 28; Yellow-shafted Flicker, 8; Pileated Woodpecker, 4; Red-bellied Woodpecker, 12; Yellow-bellied Sapsucker, 5; Hairy Woodpecker, 1; Red-cockaded Woodpecker, 2; Great Crested Flycatcher, 6; Eastern Phoebe, 24; Tree Swallow, 408; Blue Jay, 15; Common Crow, 9; Fish Crow, 41; Tufted Titmouse, 1; Brown-headed Nuthatch, 6; House Wren, 1; Carolina Wren, 17; Long-billed Marsh Wren, 1; Mockingbird, 18; Catbird, 8; Brown Thrasher, 1; Robin, 403; Eastern Bluebird, 3; Blue-gray Gnatcatcher, 41; Ruby-crowned Kinglet, 3; Loggerhead Shrike, 23; White-eyed Vireo, 7; Black-and-white Warbler, 4; Myrtle Warbler, 2; Yellow-throated Warbler, 9; Pine Warbler, 5; Prairie Warbler, 2; Palm Warbler, 65; Yellowthroat, 54; House Sparrow, 35; Eastern Meadowlark, 52; Redwinged Blackbird, 160; Boat-tailed Grackle, 154; Common Grackle, 43; Cardinal, 11; Painted Bunting, 4; Am. Goldfinch, 46; Rufous-sided Towhee, 14; Savannah Sparrow, 32; Grasshopper Sparrow, 3; Bachman's Sparrow, 2; Chipping Sparrow, 12; Swamp Sparrow, 37. **Total,** 95 species; about 5622 individuals. (Seen in area count period, but not on count day: Purple Gallinule, Forster's Tern, Downy Woodpecker, Hermit Thrush.) —Hank Bennett (compiler), David O. Hill, Sandy Sprunt.

237. Daytona Beach, Fla. (all points within a 15-mile diameter circle, center on Route 92 6½ miles west of high watermark on Daytona Beach).—Dec. 23; 7 a.m. to 5 p.m. Cloudy, rain p.m.; temp. 48° to 62°; wind NE, 8-10 m.p.h. Twenty observers in 6 parties. Total party-hours, 190 (110 on foot, 80 by car); total party-miles, 218 (84 on foot, 134 by car). ► Common Loon, 36; Horned Grebe, 35; Pied-billed Grebe, 19; Brown Pelican, 210; Double-crested Cormorant, 235; Anhinga, 5; Great Blue Heron, 30; Green Heron, 5; Little Blue Heron, 384; Cattle Egret, 56; Common Egret, 266; Snowy Egret, 123; Louisiana Heron, 193; Black-crowned Night Heron, 11; Wood Ibis, 8; White Ibis, 107; **Snow Goose, 1** (present for weeks); Mallard, 5; Blue-winged Teal, 2; Lesser Scaup, 110; Bufflehead, 3; Ruddy Duck, 1; Hooded Merganser, 8; **Common Merganser, 10** (F.A. party) [**one** on peninsula Florida noteworthy—Ed.]; Red-breasted Merganser, **327**; Turkey Vulture, 52; Black Vulture, 27; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 16; Bald Eagle, 1; Marsh Hawk, 9; Osprey, 3; Sparrow Hawk, 89; Bobwhite, 14; Clapper Rail, 6; Common Gallinule, 3; Am. Coot, 9; Semipalmated Plover, 6; Piping Plover, 3; Killdeer, 56; Black-bellied Plover, 42; Ruddy Turnstone, 144; Common Snipe, 33; Spotted Sandpiper, 2; **Solitary Sandpiper, 1** (Ekdahl party); Willet, 7; Greater Yellowlegs, 2; Lesser Yellowlegs, 3; Knot, 4; Dunlin, 4; Semipalmated Sandpiper, 1; Sanderling, 261; **Great Black-backed Gull, 2**; Herring Gull, 252; Ring-billed Gull, 6327; Laughing Gull, 1148; Bonaparte's Gull, 162; Forster's Tern, 49; Royal Tern, 468; Caspian Tern, 5; Black Skimmer, 1206; Mourning Dove, 256; Ground Dove, 38; Screech Owl, 1; Belted Kingfisher, 43; Yellow-shafted Flicker, 47; Pileated Woodpecker, 8; Red-bellied Woodpecker, 57; Red-headed Woodpecker, 6; Yellow-bellied Sapsucker, 15; Hairy Woodpecker, 4; Downy Woodpecker, 5; Eastern Phoebe, 25; Tree Swallow, 894; Blue Jay, 194; Scrub Jay, 7; Common Crow, 534; Fish Crow, 2197; Carolina Chickadee, 5; Tufted Titmouse, 3; Brown-headed Nuthatch, 3; House Wren, 35; Carolina Wren, 22; Short-billed Marsh Wren, 3; Mockingbird, 280; Catbird, 26; Brown Thrasher, 6; Robin, 1856; Hermit Thrush, 2; Eastern Bluebird, 76; Blue-gray Gnatcatcher, 3; Ruby-crowned Kinglet, 12; Water Pipit, 36; Cedar Waxwing, 122; Loggerhead Shrike, 62; Starling, 479; White-eyed Vireo, 4; Solitary Vireo, 4; Black-and-white Warbler, 5; Orange-crowned Warbler, 4; Parula Warbler, 2; **Black-throated Blue Warbler, 1** (carefully identified); Myrtle Warbler, 278; Yellow-throated Warbler, 8; **Chestnut-sided Warbler, 1** (all field marks checked in good light—A.F., R.H. party); Pine Warbler, 3; Palm Warbler, 68 (some Yellow Palms); Ovenbird, 2; Yellowthroat, 8; House Sparrow, 109; Eastern Meadowlark, 73; Redwinged Blackbird, 220; Rusty Blackbird, 52; Common Grackle, 41; Brown-headed Cowbird, 121; Cardinal, 114; Am. Goldfinch, 83; Rufous-sided Towhee, 37; Savannah Sparrow, 20; Sharp-tailed Sparrow, 2; Seaside Sparrow, 1; Vesper Sparrow, 6; Chipping Sparrow, 85; Field Sparrow, 3; White-throated Sparrow, 9; Swamp Sparrow, 4; Song Sparrow, 22. **Total,** 129 species (1 additional race); about 21,371 individuals.—Fred J. Ackerman, Lucille Ball, Frank A. Berger, Mrs. Rose Block, Chester H. Childs, Frank B. Crosby, Mrs. Lucille Dence, Conrad H. Ekdahl, Mrs. Norma Ekdahl, A. Joseph Fairbank, Lydia Hamilton, Roy D. Hudson, Dennis E. Miller, George Murray, Helen Quam, Fred Storm, Mrs. Beatrice Thomas, Willard S. Whiteman, George L. Williams (compiler), William H. Wright.

238. Ft. Lauderdale, Fla. (all points within a 15-mile diameter circle, center at junction of Sunrise Blvd. and Sunshine State Pkwy., including town of Margate, to Ft. Lauderdale Beach, to 1 mile south of Sterling Rd. on Rt. 441 in Dania, and to 1¼ miles west of State Rd. 84; fresh-water ponds, canals,

marshes 6%, pasture and farmland 40%, towns 43%, cypress strand 5%, ocean and beach 1%, pine and scrub oak 5%).—Dec. 26; 6:30 a.m. to 7 p.m. Partly cloudy, scattered showers p.m.; temp. 70° to 75°; wind NE, 15-25 m.p.h. Twenty-one observers in 8 parties. Total party-hours, 62 (22 on foot, 40 by car); total party-miles, 350 (29 on foot, 321 by car). ► Pied-billed Grebe, 13; Brown Pelican, 8; Gannet, 13; Double-crested Cormorant, 1; Anhinga, 99; Great Blue Heron, 85; Green Heron, 26; Little Blue Heron, 207; Cattle Egret, **2140** (counted flying into 3 rookeries); Common Egret, 205; Snowy Egret, 48; Louisiana Heron, 14; Black-crowned Night Heron, 2; Yellow-crowned Night Heron, 5; Glossy Ibis, 12; White Ibis, 123; Mottled Duck, 13; Blue-winged Teal, 5; Am. Widgeon, 12; Ring-necked Duck, 3; Lesser Scaup, **5** (scarce everywhere locally); Hooded Merganser, 4; Turkey Vulture, 450; Black Vulture, 21; Sharp-shinned Hawk, 3; Red-tailed Hawk, 1; Red-shouldered Hawk, 11; Marsh Hawk, 77; Osprey, 1; Peregrine Falcon, 1; Pigeon Hawk, 2; Sparrow Hawk, 211; Bobwhite, 104; Limpkin, 1; King Rail, 6; Common Gallinule, 33; Am. Coot, 43; Killdeer, 463; Black-bellied Plover, 19; Ruddy Turnstone, 6; Common Snipe, 15; Spotted Sandpiper, 6; Greater Yellowlegs, 10; Lesser Yellowlegs, 4; Least Sandpiper, 12; Sanderling, 157; Herring Gull, 12; Ring-billed Gull, 741; Laughing Gull, 62; Bonaparte's Gull, 23; Forster's Tern, 2; Royal Tern, 80; Black Skimmer, 50; Mourning Dove, 213; Ground Dove, 179; Smooth-billed Ani, **48**; Barn Owl, 2; Screech Owl, 2; Burrowing Owl, 10; **Chuck-will's-widow, 2** (1 collected); Ruby-throated Hummingbird, 6; Belted Kingfisher, 41; Yellow-shafted Flicker, 15; Red-bellied Woodpecker, 55; Yellow-bellied Sapsucker, 27; **Hairy Woodpecker, 1** (A.I.); Western Kingbird, **24**; Scissor-tailed Flycatcher, 5; Eastern Phoebe, 100; Tree Swallow, 102; **Rough-winged Swallow, 127**; **Purple Martin, 3** (close overhead—A.R.); Blue Jay, 126; Scrub Jay, 3; **Fish Crow, 1** (H.K.); House Wren, 30; Carolina Wren, 19; Mockingbird, 217; Catbird, 39; Brown Thrasher, 2; Robin, **1322**; Blue-gray Gnatcatcher, 208; Ruby-crowned Kinglet, 3; Cedar Waxwing, 28; Loggerhead Shrike, 159; White-eyed Vireo, 8; Solitary Vireo, 8; Black-and-white Warbler, 13; Parula Warbler, 8; **Cape May Warbler, 2** (both males); Black-throated Blue Warbler, **5**; Myrtle Warbler, 10; **Black-throated Green Warbler, 1** (male); Yellow-throated Warbler, 5; Pine Warbler, 10; Prairie Warbler, 7; Palm Warbler, 326; Ovenbird, 6; Yellowthroat, 55; Am. Redstart, 1; House Sparrow, 341; Eastern Meadowlark, 174; Redwinged Blackbird, 1618; Baltimore Oriole, 2; Boat-tailed Grackle, 1021; Common Grackle, 653; Brown-headed Cowbird, 21; Cardinal, 147; Indigo Bunting, **72** (good coverage of numerous feeders especially made for buntings); Painted Bunting, **128**; Am. Goldfinch, **484**; Rufous-sided Towhee, 34; Savannah Sparrow, 20; Grasshopper Sparrow, 1; **Clay-colored Sparrow, 1** (at feeder a month, many observers). **Total,** 115 species; about 13,971 individuals. (Seen in area count period, but not on count day: Am. Bittern, Wood Duck, Whip-poor-will, Downy Woodpecker, Swamp Sparrow.)—Ida Arnold, Kay Bailey, Margaret Biglin, Mrs. Margaret Biglin, Janice Bolte, William Bolte, Jim Fleugel, B. Brower Hall, Lenora Hortt, Arthur Inwood, Hank Kaestner, Frank J. Ligas (compiler), M. S. Mittleton, George Polk, Alice Robinson, David Robinson, Eloise Runk, Ray Smith, Ruth Van Every.

239. Fort Myers, Fla. (all points within a 15-mile diameter circle, center in Fort Myers, including Punta Rassa, sections of Fort Myers Beach, Pine Island, Little Pine Island, Caloosahatchie River, Ostego Bay; riverside 5%, seashore 25%, pinelands 50%, meadows 5%, mangroves 5%, inland swamps 10%).—Dec. 30; 7:30 a.m. to 6 p.m. Sunny; temp. 50° to 73°; wind NW, 0-4 m.p.h. Twenty-eight observers in 4 parties. Total party-hours, 32 (12 on foot, 20 by car); total party-miles 320 (8 on foot, 312 by car). ► Common Loon, 2; Horned Grebe, 7; Pied-billed Grebe, 16; **White Pelican, 9**; Brown Pelican, 155; Double-crested Cormorant, 96; Anhinga, 16; **Great White Heron, 4**; Great Blue Heron, 28; Green Heron, 11; Little Blue Heron, 53; Cattle Egret, 28; Common Egret, 40; Snowy Egret, 56; Louisiana Heron, 45; Yellow-crowned Night Heron, 23; Wood Ibis, 60; White Ibis, 260; Mottled Duck, 3; Lesser Scaup, 2001; Ruddy Duck, 5; Red-breasted Merganser, 61; Turkey Vulture, 107; Black Vulture, 3; Red-tailed Hawk, 8; Red-shouldered Hawk, 10; Broad-winged Hawk, 1; Bald Eagle, 9; Marsh Hawk, 10; Osprey, 4; Sparrow Hawk, 89; Bobwhite, 60; Sandhill Crane, 5; **King Rail, 1**; Clapper Rail, 1; Virginia Rail, 1; Sora, 1; Purple Gallinule, 1; Common Gallinule, 20; Am. Coot, 20; Semipalmated Plover, 6; Snowy Plover, 4; Wilson's Plover, 23; Killdeer, 44; Black-bellied Plover, 44; Ruddy Turnstone, 9; Spotted Sandpiper, 8; Willet, 57; Greater Yellowlegs, 9; Lesser Yellowlegs, 4; Least Sandpiper, 13; Dunlin, 155; Short-billed Dowitcher, 23; Semipalmated Sandpiper, 39; Western Sandpiper, 34; Herring Gull, 10; Ring-billed Gull, 323; Laughing Gull, 208; Bonaparte's Gull, 1; Forster's Tern, 5; Royal Tern, 99; Sandwich Tern, 1; Black Skimmer, 169; Mourning Dove, 41; Ground Dove, 42; **Mangrove Cuckoo, 1**; Great Horned Owl, 4; Belted Kingfisher, 47; Yellow-shafted Flicker, 24; Red-bellied Woodpecker, 28; Red-headed Woodpecker, 9; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 2; Downy Woodpecker, 3; Western Kingbird, 2; **Scissor-tailed Flycatcher, 1**; Eastern Phoebe, 15; **empidonax flycatcher (sp.), 1**; Tree Swallow, 594; Blue Jay, 22; Common Crow, 26; Fish Crow, 391; House Wren, 3; Carolina Wren, 7; Mockingbird, 178; Catbird, 8; Brown Thrasher, 4; Robin, **699**; Eastern Bluebird, 4; Blue-gray Gnatcatcher, 15; Loggerhead Shrike, 65; Parula Warbler, 2; Myrtle Warbler, 1; Yellow-throated Warbler, 5; Pine Warbler, 29; Palm Warbler, 117; Yellowthroat, 5; House Sparrow, 82; Eastern Meadowlark, 45; Redwinged Blackbird, 148; Boat-tailed Grackle, 49; Common Grackle, 103; Brown-headed Cowbird, 32; Cardinal, 49; Painted Bunting, 2; Am. Goldfinch, 134; Rufous-sided Towhee, 10; Savannah Sparrow, 4; Seaside Sparrow, 2; Chipping Sparrow, 12; Swamp Sparrow, 2. **Total,** 111 species; about 7690 individuals.—Mr. and Mrs. J. S. Allison, Dirk Bruins, John Bunnell, Cora Deardrull, Mary DuShane, Mr. and Mrs. George Erskine, Mrs. Charles Fretts, Mr. and Mrs. Robert Gibson (compilers), Mr. and Mrs. Fritz Holmgren,

Cecil Hamilton, Frank Kellogg, Mrs. N. J. Nuner, Robert Nuner, Mrs. Charles B. Peck, Mr. and Mrs. Andrew Stiles, Mrs. Ernest Spinney, Mr. and Mrs. Denton Smith, Mr. and Mrs. Hammond Smith, Mrs. Gordon Tucker, Mr. and Mrs. William Widger.

240. **Fort Pierce, Fla.** (all points within a 15-mile diameter circle, center on Okeechobee Rd. ¼ mile west of Kirby Loop Rd., including North and South Beaches, part of Indrio Rd., 4 miles of Header Canal, all of Midway Rd.; same area as past 2 years, but increased coverage; ocean and beach 10%, inlet and tidal flats 15%, Indian River and its shores 15%, scrub oak 5%, open pine woods 10%, ponds and marshes 15%, pasture 20%, jungle and hammock 10%).—Jan. 3; 5 a.m. to 7 p.m. Clear to partly cloudy; temp. 65° to 80°; wind SW, 0-10 m.p.h.; tidal waters high, fresh-water levels normal. Sixteen observers in 8 parties. Total party-hours, 84 (62 on foot, 22 by car); total party-miles, 204 (35 on foot, 169 by car). ► Common Loon, 2; Pied-billed Grebe, 3; Brown Pelican, 113; Double-crested Cormorant, 88; Anhinga, 6; Magnificent Frigate-bird, 2; Great Blue Heron, 31; Green Heron, 4; Little Blue Heron, 20; Cattle Egret, 39; Common Egret, 35; Snowy Egret, 16; Louisiana Heron, 7; Yellow-crowned Night Heron, 1; Wood Ibis, 11; White Ibis, 5; Lesser Scaup, 213; Red-breasted Merganser, 32; Turkey Vulture, 82; Black Vulture, 31; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 4; Red-shouldered Hawk, 7; Bald Eagle, 4; Marsh Hawk, 7; Osprey, 9; Pigeon Hawk, 1; Sparrow Hawk, 55; Bobwhite, 90; Sandhill Crane, 7; Common Gallinule, 1; Am. Coot, 4; Semipalmated Plover, 4; Piping Plover, 5; Killdeer, 23; Black-bellied Plover, 17; Ruddy Turnstone, 15; Common Snipe, 14; Spotted Sandpiper, 6; Willet, 40; Greater Yellowlegs, 2; Lesser Yellowlegs, 5; Least Sandpiper, 7; Dunlin, 10; Semipalmated Sandpiper, 1; Sanderling, 16; Herring Gull, 14; Ring-billed Gull, 917; Laughing Gull, 1; Bonaparte's Gull, 18; Forster's Tern, 36; **Least Tern, 1** (carefully identified by competent observers—F.H., M.P.); Royal Tern, 109; Caspian Tern, 15; Black Skimmer, 108; Mourning Dove, 56; Ground Dove, 57; Screech Owl, 2; Great Horned Owl, 1; Ruby-throated Hummingbird, 6; Belted Kingfisher, 23; Yellow-shafted Flicker, 14; Pileated Woodpecker, 8; Red-bellied Woodpecker, 42; Yellow-bellied Sapsucker, 7; Hairy Woodpecker, 1; Downy Woodpecker, 5; Eastern Phoebe, 35; Tree Swallow, 1025; Blue Jay, 73; Scrub Jay, 4; Common Crow, 12; Fish Crow, 3800+; House Wren, 18; Carolina Wren, 25; Mockingbird, 163; Catbird, 25; Brown Thrasher, 9; Robin, 7214; Hermit Thrush, 1; Eastern Bluebird, 3; Blue-gray Gnatcatcher, 11; Ruby-crowned Kinglet, 5; Loggerhead Shrike, 71; White-eyed Vireo, 1; Solitary Vireo, 1; Black-and-white Warbler, 5; Orange-crowned Warbler, 4; Parula Warbler, 1; Myrtle Warbler, 11; Yellow-throated Warbler, 3; Pine Warbler, 31; Prairie Warbler, 1; Palm Warbler, 42; Ovenbird, 9; Yellowthroat, 22; **Yellow-breasted Chat, 1** (present since Nov. 3); House Sparrow, 49; Eastern Meadowlark, 127; Redwinged Blackbird, 220; **Baltimore Oriole, 1**; Rusty Blackbird, 15; Boat-tailed Grackle, 84; Common Grackle, 15; Cardinal, 122; Painted Bunting, 31; Am. Goldfinch, 82; Rufous-sided Towhee, 42; Savannah Sparrow, 14; Vesper Sparrow, 2; Chipping Sparrow, 36; Field Sparrow, 1. **Total,** 113 species; about 16,006 individuals. (Seen in area count period, but not on count day: dowitcher, Great Crested Flycatcher, Cedar Waxwing.)—Clara Bates, William Gerold, Frederick W. Harden, Sam W. Hardwick, Lyle S. Hubbard (compiler), Mrs. Lyle S. Hubbard, Virginia J. Hubbard, Mrs. Sawyer Leonard, Andrew G. Mathis, Maurice W. Provost, Mrs. Leonard H. Schilke, Frederick B. Sexauer, Mrs. Frederick B. Sexauer, Rosalea Sexauer, Mrs. Helen M. Vick, Mrs. Florence C. Wallace.

241. **Gainesville, Fla.** (all points within a 15-mile diameter circle, center at Downtown shopping center, including Airport, Lake Alice, Payne's Prairie, north end of River Styx, Bivin's Arm, Newnan's Lake).—Dec. 27; 6:30 a.m. to 6 p.m. Clear; temp. 56° to 79°; wind E, 20 m.p.h. Thirteen observers in 4 parties. Total party-hours, 25½ (11 on foot, 14 by car, ½ by canoe); total party-miles, 36 (7 on foot, 28 by car, 1 by canoe). ► Horned Grebe, 1; Pied-billed Grebe, 12; Double-crested Cormorant, 28; Anhinga, 35; Great Blue Heron, 17; Green Heron, 5; Little Blue Heron, 33; Cattle Egret, 2; Common Egret, 37; Snowy Egret, 100; Louisiana Heron, 15; Black-crowned Night Heron, 42; Yellow-crowned Night Heron, 1; Am. Bittern, 2; White Ibis, 20; Mallard, 10; Black Duck, 16; Gadwall, 23; Pintail, 2; Green-winged Teal, 2; Blue-winged Teal, 23; Am. Widgeon, 60; Wood Duck, 11; Ring-necked Duck, 30; Lesser Scaup, 80; Ruddy Duck, 30; Turkey Vulture, 60; Black Vulture, 25; Sharp-shinned Hawk, 2; Red-tailed Hawk, 3; Red-shouldered Hawk, 17; Bald Eagle, 4; Marsh Hawk, 6; Sparrow Hawk, 17; Bobwhite, 30; Sandhill Crane, 10; Sora, 1; Common Gallinule, 76; Am. Coot, 43; Killdeer, 38; Common Snipe, 12; Herring Gull, 12; Ring-billed Gull, 44; Bonaparte's Gull, 1; Mourning Dove, 100; Ground Dove, 21; Screech Owl, 1; Great Horned Owl, 1; Barred Owl, 4; Belted Kingfisher, 3; Yellow-shafted Flicker, 44; Pileated Woodpecker, 5; Red-bellied Woodpecker, 15; Red-headed Woodpecker, 12; Yellow-bellied Sapsucker, 5; Downy Woodpecker, 6; Red-cockaded Woodpecker, 4; Eastern Phoebe, 33; Tree Swallow, 33; **Barn Swallow, 1** (seen well by 3 observers); Blue Jay, 31; Common Crow, 30; Fish Crow, 5; Carolina Chickadee, 4; Tufted Titmouse, 6; Brown-headed Nuthatch, 20; House Wren, 10; Carolina Wren, 16; Long-billed Marsh Wren, 20; Short-billed Marsh Wren, 4; Mockingbird, 19; Catbird, 2; Brown Thrasher, 4; Robin, 150; Hermit Thrush, 1; Eastern Bluebird, 19; Blue-gray Gnatcatcher, 18; Ruby-crowned Kinglet, 12; Water Pipit, 200; Cedar Waxwing, 20; Loggerhead Shrike, 26; Starling, 15; White-eyed Vireo, 2; Black-and-white Warbler, 2; Orange-crowned Warbler, 1; Myrtle Warbler, 65; Yellow-throated Warbler, 3; Pine Warbler, 3; Palm Warbler, 57; Ovenbird, 2; Yellowthroat, 5; House Sparrow, 22; Eastern Meadowlark, 166; Redwinged Blackbird, 807; Boat-tailed Grackle, 27; Common Grackle, 32; Brown-headed Cowbird, 2; Cardinal, 55; Am. Goldfinch, 150; Rufous-sided Towhee, 34; Savannah Sparrow, 70; Vesper Sparrow, 17; Bachman's Spar-

row, 3; Chipping Sparrow, 200; Field Sparrow, 7; White-throated Sparrow, 100; Swamp Sparrow, 15; Song Sparrow, 15. **Total,** 108 species; about 3819 individuals.—Marion Bowen, Jill Cisne, Alan Conger, Mrs. E. H. Cummings, Donald Jenni, L. T. Nieland, Mary P. Sherwood (compiler), Glen Woolfenden (Alachua Audubon Society).

242. Jacksonville, Fla. (all points within a 15-mile diameter circle, center near Fulton as last year; flatwoods 15%, high pineland 9%, hammock 24%, sea beach 12%, salt marsh 10%, sand dunes 5%, fresh marsh 9%, farmlands 2%, mud flats 6%, pasture 2%, swamp 3%, suburbs 3%).—Dec. 27; 6:30 a.m. to 5:45 p.m. Partly cloudy, brief shower 9 a.m.; temp. 53° to 74°; wind E to SE, 0-17 m.p.h. Seventeen observers in 6 parties. Total party-hours, 65 (26 on foot, 39 by car); total party-miles, 390 (45 on foot, 345 by car). ► **Red-throated Loon, 1**; Horned Grebe, 17; Pied-billed Grebe, 35; Brown Pelican, 77; Gannet, 2; Double-crested Cormorant, 221; Anhinga, 4; Great Blue Heron, 18; Green Heron, 2; Little Blue Heron, 35; Common Egret, 134; Snowy Egret, 10; Louisiana Heron, 16; Black-crowned Night Heron, 126; Wood Ibis, 1; Black Duck, 4; Wood Duck, 3; Lesser Scaup, 317; Bufflehead, 6; Hooded Merganser, 4; Red-breasted Merganser, 98; Turkey Vulture, 43; Black Vulture, 19; Sharp-shinned Hawk, 3; Cooper's Hawk, 1; Red-tailed Hawk, 12; Red-shouldered Hawk, 14; Bald Eagle, 8; Marsh Hawk, 6; Sparrow Hawk, 47; Bobwhite, 11; King Rail, 1; Clapper Rail, 133; Virginia Rail, 2; Sora, 1; Common Gallinule, 7; Am. Coot, 25; Semipalmated Plover, 93; Piping Plover, 4; Killdeer, 111; Black-bellied Plover, 30; Ruddy Turnstone, 82; Am. Woodcock, 1; Common Snipe, 25; Spotted Sandpiper, 3; Greater Yellowlegs, 4; Lesser Yellowlegs, 2; Least Sandpiper, 75; Dunlin, 156; Semipalmated Sandpiper, 16; Western Sandpiper, 83; Sanderling, 47; Herring Gull, 360; Ring-billed Gull, 1842; Laughing Gull, 48; Bonaparte's Gull, 12; Forster's Tern, 137; Royal Tern, 380; Caspian Tern, 6; Black Skimmer, 300; Mourning Dove, 74; Ground Dove, 27; Screech Owl, 1; Great Horned Owl, 3; Belted Kingfisher, 49; Yellow-shafted Flicker, 57; Pileated Woodpecker, 17; Red-bellied Woodpecker, 34; Red-headed Woodpecker, 15; Yellow-bellied Sapsucker, 19; Downy Woodpecker, 7; Red-cockaded Woodpecker, 3; Eastern Phoebe, 16; Tree Swallow, 967; Blue Jay, 126; Common Crow, 9; Fish Crow, 655; Carolina Chickadee, 4; Tufted Titmouse, 68; Brown-headed Nuthatch, 8; House Wren, 31; Carolina Wren, 72; Long-billed Marsh Wren, 25; Short-billed Marsh Wren, 2; Mockingbird, 151; Catbird, 44; Brown Thrasher, 26; Robin, 1427; Hermit Thrush, 10; Eastern Bluebird, 46; Blue-gray Gnatcatcher, 5; Ruby-crowned Kinglet, 46; Water Pipit, 28; Cedar Waxwing, 50; Loggerhead Shrike, 71; Starling, 125; White-eyed Vireo, 3; Solitary Vireo, 4; Black-and-white Warbler, 1; Orange-crowned Warbler, 6; **Parula Warbler, 1**; Myrtle Warbler, 4562; Yellow-throated Warbler, 2; Pine Warbler, 11; Prairie Warbler, 1; Palm Warbler, 134; Yellowthroat, 21; House Sparrow, 380; Eastern Meadowlark, 156; Redwinged Blackbird, 1834; Rusty Blackbird, 5; Boat-tailed Grackle, 98; Common Grackle, 104; Brown-headed Cowbird, 75; Cardinal, 120; Am. Goldfinch, 551; Rufous-sided Towhee, 228; Savannah Sparrow, 158; Sharp-tailed Sparrow, 54; Seaside Sparrow, 31; Vesper Sparrow, 72; Bachman's Sparrow, 1; Chipping Sparrow, 74; Field Sparrow, 21; White-throated Sparrow, 300; Swamp Sparrow, 24; Song Sparrow, 20. **Total,** 127 species; about 18,631 individuals.—Jerry Brewton, Charlotte Buckland, Mary Crafts, Mrs. Rose Forney, Wilbur Gary, Henry Gottfried, Samuel Grimes, Robert Harvey, Mrs. Olive Hendrickson, Mrs. Grace Kelly, Reg. McKay (compiler), Mrs. Reba Norsworthy, Kay Painter, Maurice Protheroe, Mrs. Maurice Protheroe, Mrs. Lucille Van Buskirk, Mrs. Jane Whiteman.

243. Key Largo–Plantation Key, Fla. (all points within a 15-mile diameter circle, center 1 mile NE of East Key, including Key Largo, Plantation, Upper Matecumbe, Butternut, Park, Club, Panhandle, Shell Keys; ocean and bay 80%, tropical hammock 10%, ponds, swamps 5%, flats 5%).—Dec. 27; 6:30 a.m. to 6:30 p.m. Cloudy; temp. 78° to 72°; wind SE, 18 m.p.h. Thirteen observers in 5 parties. Total party-hours, 49 (33 on foot, 3 by car, 13 by boat); total party-miles, 229 (15 on foot, 114 by car, 100 by boat). ► Common Loon, 9; Horned Grebe, 7; Pied-billed Grebe, 1; White Pelican, 7; Brown Pelican, 600; **Gannet, 1**; Double-crested Cormorant, 635; Magnificent Frigate-bird, 46; Great White Heron, 101 (some nesting); Würdemann's Heron, 2; Great Blue Heron, 23; Green Heron, 8; Little Blue Heron, 23; Cattle Egret, 12; Reddish Egret, 50; Common Egret, 93; Snowy Egret, 25; Louisiana Heron, 94; Yellow-crowned Night Heron, 1; White Ibis, 49; Roseate Spoonbill, 122 (some nesting); Red-breasted Merganser, 80; Turkey Vulture, 28; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-shouldered Hawk, 13; Broad-winged Hawk, 15; Bald Eagle, 9 (some nesting); Marsh Hawk, 8; Osprey, 42 (some nesting); Peregrine Falcon, 1; Pigeon Hawk, 2; Sparrow Hawk, 128; Clapper Rail, 1; Semipalmated Plover, 86; Killdeer, 2; Black-bellied Plover, 39; Ruddy Turnstone, 54; Spotted Sandpiper, 1; Willet, 5; Greater Yellowlegs, 6; Lesser Yellowlegs, 30; Knot, 22; Dunlin, 200; Short-billed Dowitcher, 112; Stilt Sandpiper, 2; Semipalmated Sandpiper, 62; Western Sandpiper, 85; Herring Gull, 32; Ring-billed Gull, 182; Laughing Gull, 180; Forster's Tern, 17; Common Tern, 3; Royal Tern, 102; Caspian Tern, 4; Black Skimmer, 14; White-crowned Pigeon, 1; White-winged Dove, 1; Mourning Dove, 3; Ground Dove, 15; Smooth-billed Ani, 11; Barn Owl, 5; Chuck-will's-widow, 1; Ruby-throated Hummingbird, 4; Belted Kingfisher, 32; Yellow-shafted Flicker, 4; Red-bellied Woodpecker, 22; Yellow-bellied Sapsucker, 2; Western Kingbird, 11; **Scissor-tailed Flycatcher, 2**; Great Crested Flycatcher, 4; Eastern Phoebe, 13; **Barn Swallow, 50** (irregular flock, flying south, directly over and around boat); House Wren, 25; Mockingbird, 79; Catbird, 144; Brown Thrasher, 2; Robin, 8; Blue-gray Gnatcatcher, 45; Loggerhead Shrike, 1; White-eyed Vireo, 28; Black-and-white Warbler, 3; Orange-crowned Warbler, 2; Parula Warbler, 12; Yellow-throated Warbler, 12; Prairie Warbler, 22; Palm Warbler, 122; Ovenbird, 4; Northern Water-

thrush, 6; Yellowthroat, 37; Am. Redstart, 1; House Sparrow, 1; Redwinged Blackbird, 329; **Bullock's Oriole, 3** (all field marks—M.C., M.P.C.); Cardinal, 67; Painted Bunting, 14; Am. Goldfinch, 87; Savannah Sparrow, 11; Swamp Sparrow, 2. **Total,** 98 species (1 additional hybrid); about 4726 individuals. —Robert P. Allen, William G. Atwater, Clifford Carpenter, Marie P. Cobb, Mary Crane, Frances Hames, Phil Kahl, Mrs. Jerrie Olsen, Betty Robertson, William B. Robertson, Jr., George B. Stevenson (compiler), Frank Watson, Jack C. Watson.

244. **Key West, Fla.** (all points within a 15-mile diameter circle, center on Boca Chica Key, including Key West, Stock Island, Saddle Bunch Keys; mud flats 15%, mangrove 10%, waterfront 50%, hammocks 15%, open fields, sanctuary, golf course 10%).—Jan. 1; 7 a.m. to 5:30 p.m. Sunny; temp. 78° to 66°; wind E, 9 m.p.h. Six observers in 3 parties. Total party-hours, 22 (4 on foot, 18 by car); total party-miles, 47 (6 on foot, 41 by car). ► Brown Pelican, 31; Double-crested Cormorant, 34; Magnificent Frigate-bird, 2; Great White Heron, 5; Great Blue Heron, 4; Green Heron, 5; Little Blue Heron, 5; Cattle Egret, 5; Common Egret, 3; Snowy Egret, 1; Louisiana Heron, 20; Yellow-crowned Night Heron, 2; White Ibis, 2; Red-breasted Merganser, 28; Turkey Vulture, 38; Broad-winged Hawk, 1; Osprey, 2; Sparrow Hawk, 33; Clapper Rail, 3; **Sora, 1**; Semipalmated Plover, 15; Wilson's Plover, 2; Killdeer, 2; Black-bellied Plover, 33; Ruddy Turnstone, 42; Willet, 1; Greater Yellowlegs, 1; Lesser Yellowlegs, 15; Least Sandpiper, 17; dowitcher (sp.), 74; Semipalmated Sandpiper, 13; Western Sandpiper, 28; Sanderling, 27; Herring Gull, 55; Ring-billed Gull, 880; Laughing Gull, 716; Bonaparte's Gull, 11; Forster's Tern, 2; Royal Tern, 244; Caspian Tern, 1; Black Skimmer, 22; White-crowned Pigeon, 1; Mourning Dove, 18; Ground Dove, 8; Ruby-throated Hummingbird, 5; Belted Kingfisher, 15; Red-bellied Woodpecker, 5; Yellow-bellied Sapsucker, 3; Western Kingbird, 7; Scissor-tailed Flycatcher, 6; Mockingbird, 29; Catbird, 46; Robin, 3; Blue-gray Gnatcatcher, 8; White-eyed Vireo, 2; Yellow-throated Vireo, 2; Black-and-white Warbler, 1; Orange-crowned Warbler, 4; Parula Warbler, 7; **Magnolia Warbler, 1** (carefully identified—F.H., R.L.); **Cape May Warbler, 3** (present all week—F.H., R.L.); Myrtle Warbler, 9; Black-throated Green Warbler, 2; Yellow-throated Warbler, 2; Prairie Warbler, 7; Palm Warbler, 69; Ovenbird, 1; Northern Waterthrush, 1; Yellowthroat, 8; Am. Redstart, 2; House Sparrow, 8; Redwinged Blackbird, 31; Bullock's Oriole, 2 (now winter regularly); Cardinal, 3; Painted Bunting, 22; Am. Goldfinch, 75; Savannah Sparrow, 5. **Total,** 77 species; about 2847 individuals. (Seen in area count period, but not on count day: Spotted Sandpiper, Chuck-will's-widow.) —Mrs. Marie P. Cobb (compiler), Hilda Cunniff, Mrs. Frances Hames, Donald Heinly, Mrs. Ruth Lawrence, Mrs. Vernon Olson.

245. **Lower Keys, Fla.** (all points within a 15-mile diameter circle, center Big Pine Key, including keys and connecting bridges along Overseas Highway from west end of Seven Mile Bridge through Cudjoe Key; beaches, sand bars, ocean, and gulf 30%, saltwater ponds and mud flats 30%, mangrove swamps 20%, pine-palm forest 15%, tropical hammock 5%). —Dec. 31; 6:45 a.m. to 6 p.m. Sunny; temp. 74° to 59°; wind E to NE, 10 m.p.h. Seven observers in 3 parties. Total party-hours, 21 (11 on foot, 10 by car); total party-miles, 97 (8 on foot, 89 by car). ► Pied-billed Grebe, 2; Brown Pelican, 43; Double-crested Cormorant, 94; Magnificent Frigate-bird, 3; Great White Heron, 33; Great Blue Heron, 16; Green Heron, 2; Little Blue Heron, 11; **Reddish Egret, 3**; Common Egret, 6; Snowy Egret, 3; Louisiana Heron, 25; Yellow-crowned Night Heron, 11; **White Ibis, 16**; **Roseate Spoonbill, 1**; Lesser Scaup, 2; Red-breasted Merganser, 69; Turkey Vulture, 28; Red-shouldered Hawk, 3; Broad-winged Hawk, 8; Marsh Hawk, 3; Osprey, 7; Peregrine Falcon, 1; Sparrow Hawk, 42; Clapper Rail, 2; Am. Coot, 1; Semipalmated Plover, 77; Piping Plover, 5; Wilson's Plover, 6; Killdeer, 1; Black-bellied Plover, 169; Ruddy Turnstone, 101; Spotted Sandpiper, 2; Willet, 2; Greater Yellowlegs, 8; Lesser Yellowlegs, 3; **Knot, 2**; Least Sandpiper, 29; Dunlin, 6; dowitcher (sp.), 597; Semipalmated Sandpiper, 40; Western Sandpiper, 6; Sanderling, 53; Herring Gull, 7; Ring-billed Gull, 76; Laughing Gull, 55; Bonaparte's Gull, 2; Forster's Tern, **102**; Royal Tern, 365; Sandwich Tern, **66**; Caspian Tern, 2; Black Skimmer, 26; Mourning Dove, 10; Ground Dove, 5; Ruby-throated Hummingbird, 1; Belted Kingfisher, 27; **Yellow-shafted Flicker, 1** (H.K., W.R.); Red-bellied Woodpecker, 5; Eastern Phoebe, 1; Tree Swallow, 7; House Wren, 1; Mockingbird, 32; Catbird, 31; Blue-gray Gnatcatcher, 14; White-eyed Vireo, 7; Black-and-white Warbler, 1; Parula Warbler, 4; Yellow-throated Warbler, 3; Prairie Warbler, 38; Palm Warbler, 175; Ovenbird, 1; Northern Waterthrush, 4; Yellowthroat, 24; Redwinged Blackbird, 163; Cardinal, 24; Painted Bunting, 1; Am. Goldfinch, **66**; Savannah Sparrow, 10; Grasshopper Sparrow, 2; **Clay-colored Sparrow, 1** (studied at close range—C.B., F.C.); Swamp Sparrow, 1. **Total,** 81 species; about 2903 individuals. (Seen in area count period, but not on count day: Bald Eagle.)—Mrs. Christine A. Bonney, Mrs. Marie P. Cobb, Mrs. Francis V. Crane (compiler), Haskell B. Curry, Leo J. Johnston, Mrs. Vernon Olson, William B. Robertson, Jr.

246. **Marathon, Fla.** (all points within a 15-mile diameter circle, center Key Vaca Bridge over new cut; from Knight's Key end of Seven Mile Bridge to include all of Marathon, Marathon Shores, Key Colony Beach, Crawl Key, Grassy Key, lower Duck Key to where 15-mile stretch ends on middle of Tom's Harbor Bridge; mud flats 15°, mangroves 10%, docks, shoreline and 2 small inland lakes 50%, open fields 10%, hammocks 15%).—Dec. 30; 7 a.m. to 6 p.m. Sunny; temp. 71° to 62°; wind N, 2 m.p.h. Three observers in 2 parties. Total party-hours, 19 (2 on foot, 17 by car); total party-miles, 57 (2 on foot, 55 by car). ► **Common Loon, 2**; Brown Pelican, 100; **Gannet, 1**; Double-crested Cormorant, 115; Magnificent Frigate-bird, 1; Great White Heron, 30; Great Blue Heron, 23; Green Heron, 2; Little Blue Heron, **63**; Cattle Egret, **10**; Reddish Egret, 3; Common

Egret, 31; Snowy Egret, 6; Louisiana Heron, 26; Yellow-crowned Night Heron, 9; **Hooded Merganser, 1** (drake, still present Jan. 7); Red-breasted Merganser, 23; Turkey Vulture, 39; Broad-winged Hawk, 12; Marsh Hawk, 2; Osprey, 12; Pigeon Hawk, 1; Sparrow Hawk, 54; Semipalmated Plover, 2; Piping Plover, 3; Killdeer, 2; Black-bellied Plover, 48; Ruddy Turnstone, 70; **Common Snipe, 1**; Spotted Sandpiper, 3; Greater Yellowlegs, 1; Least Sandpiper, 12; dowitcher (sp.), 104; Semipalmated Sandpiper, 10; Western Sandpiper, 20; Sanderling, 35; Herring Gull, 13; Ring-billed Gull, 75; Laughing Gull, 363; Bonaparte's Gull, **16**; Royal Tern, 40; Sandwich Tern, 1; Black Skimmer, **105**; **White-crowned Pigeon, 4**; Mourning Dove, 32; Ground Dove, 7; Ruby-throated Woodpecker, 1; Yellow-bellied Sapsucker, 2; **Scissor-tailed Flycatcher, 1**; Eastern Phoebe, 1; House Wren, 1; Mockingbird, 27; Catbird, **57**; Robin, **40**; Blue-gray Gnatcatcher, 7; White-eyed Vireo, 2; Black-and-white Warbler, 2; Parula Warbler, 2; Yellow-throated Warbler, 1; Prairie Warbler, 1; Palm Warbler, 86; Northern Waterthrush, 2; Yellowthroat, 15; Redwinged Blackbird, 51; Common Grackle, 3; Cardinal, 20; Painted Bunting, 5; Am. Goldfinch, **122**; Savannah Sparrow, 4. **Total,** 71 species; about 2007 individuals. (Seen in area count period, but not on count day: Barn Owl.)—Mrs. Christine A. Bonney (compiler), Mrs. Francis V. Crane, Leo J. Johnston.

247. Myakka River State Park, Fla. (all points within a 15-mile diameter circle, center 6 miles east and 1 mile north of main entrance on Highway 72; lakes, ponds and river 25%, marsh and swamp 10%, mixed woods 25%, ranchlands with varying cover 40%).—Dec. 29; 7 a.m. to 5:30 p.m. Clear; temp. 54° to 71°; wind NW, 0-12 m.p.h. Eleven observers in 3 parties. Total party-hours, 26 (12 on foot, 14 by car); total party-miles, 72 (15 on foot, 57 by car). ► Pied-billed Grebe, 9; Double-crested Cormorant, 4; Anhinga, 28; Great Blue Heron, 20; Green Heron, 1; Little Blue Heron, 37; Cattle Egret, **108**; Common Egret, 67; Snowy Egret, 32; Louisiana Heron, 30; Black-crowned Night Heron, 7; Wood Ibis, 6; **Glossy Ibis, 2**; White Ibis, 324; Mallard, 13; Mottled Duck, 55; Pintail, 148; Green-winged Teal, 24; Blue-winged Teal, 36; Am. Widgeon, 5; Wood Duck, 4; Turkey Vulture, 97; Black Vulture, 154; Sharp-shinned Hawk, 3; Red-tailed Hawk, 4; Red-shouldered Hawk, 29; Bald Eagle, 3; Marsh Hawk, 2; Osprey, 1; Caracara, 2; Sparrow Hawk, 15; Bobwhite, 42; Turkey, 13; Sandhill Crane, 1; Am. Coot, 43; Killdeer, 57; Common Snipe, 17; Greater Yellowlegs, 10; Lesser Yellowlegs, 3; Least Sandpiper, 4; Ring-billed Gull, 4; Forster's Tern, 5; Mourning Dove, 11; Ground Dove, 11; Barred Owl, 5; Belted Kingfisher, 13; Yellow-shafted Flicker, 13; Pileated Woodpecker, 6; Red-bellied Woodpecker, 6; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 2; Eastern Phoebe, 25; Tree Swallow, 1425; Blue Jay, 25; Common Crow, 71; Tufted Titmouse, 2; House Wren, 3; Carolina Wren, 21; Mockingbird, 54; Catbird, 32; Brown Thrasher, 6; Robin, 240; Hermit Thrush, 1; Eastern Bluebird, 8; Blue-gray Gnatcatcher, 45; Ruby-crowned Kinglet, 12; Water Pipit, 48; Loggerhead Shrike, 9; White-eyed Vireo, 3; Black-and-white Warbler, 9; Orange-crowned Warbler, 2; Myrtle Warbler, 101; Yellow-throated Warbler, 11; Pine Warbler, 4; Prairie Warbler, 1; Palm Warbler, 52; Yellowthroat, 39; Eastern Meadowlark, 39; Redwinged Blackbird, 668; Boat-tailed Grackle, 23; Common Grackle, 10; Cardinal, 39; Am. Goldfinch, 32; Rufous-sided Towhee, 19; Savannah Sparrow, 13; Chipping Sparrow, 11; White-throated Sparrow, 5; Swamp Sparrow, 4. **Total,** 88 species; about 4651 individuals. —Mrs. Leon Brown, Allen Crowley, Mr. and Mrs. W. A. Hartman, Mr. and Mrs. Orrin W. Letson (compilers), Dorothea Marston, Mrs. Joshua B. Platt, Charles P. Preston, Mrs. Lillian C. Stoner, G. M. Teel (Sarasota Bird Club and guests).

248. Panacea, Fla. (all points within a 15-mile diameter circle, center 2 miles south of Panacea as in previous years).—Dec. 26; 6:30 a.m. to 6:30 p.m. Partly cloudy; temp. 54° to 73°; wind E, 14 m.p.h. Fifteen observers in 7 parties. Total party-hours, 64 (41 on foot, 12 by car, 11 by boat); total party-miles, 165 (39 on foot, 106 by car, 20 by boat). ► Common Loon, 58; **Red-necked Grebe, 1** (L.W.); Horned Grebe, 53; Pied-billed Grebe, 8; White Pelican, 2; Double-crested Cormorant, 56; Anhinga, 9; Great Blue Heron, 15; Little Blue Heron, **27**; Common Egret, 22; Louisiana Heron, 5; Yellow-crowned Night Heron, **12**; Canada Goose, 400; **Snow Goose, 3**; **Blue Goose, 11**; Mallard, 7; Black Duck, 6; Gadwall, 2; Pintail, 48; Blue-winged Teal, 1; Wood Duck, 150; Ring-necked Duck, 13; Greater Scaup, **42**; Lesser Scaup, 90; scaup (sp.), 1360; Common Goldeneye, 28; Bufflehead, **230**; **Common Scoter, 6** (Stevenson party); Ruddy Duck, 2; Hooded Merganser, 4; **Common Merganser, 1** (L.W.); Red-breasted Merganser, 82; Turkey Vulture, 110; Black Vulture, 175; Red-tailed Hawk, 4; Red-shouldered Hawk, **13**; Bald Eagle, 1; Marsh Hawk, 1; Osprey, 2; Sparrow Hawk, 19; Bobwhite, 27; King Rail, 1; Clapper Rail, **19**; Virginia Rail, 2; Sora, 5; Am. Coot, 100; Piping Plover, 10; Snowy Plover, 2; Killdeer, 18; Black-bellied Plover, 25; Ruddy Turnstone, 14; Common Snipe, 1; Spotted Sandpiper, **4**; Willet, 18; Greater Yellowlegs, 1; Knot, 3; Least Sandpiper, 13; Dunlin, 835; Short-billed Dowitcher, 3; Semipalmated Sandpiper, 6; Western Sandpiper, 10; Sanderling, 80; Herring Gull, 157; Ring-billed Gull, 360; Laughing Gull, 5; Bonaparte's Gull, 4; Forster's Tern, 130; Common Tern, 2; Royal Tern, 51; Caspian Tern, 3; Black Skimmer, 30; Mourning Dove, 4; Ground Dove, 7; Screech Owl, 3; Great Horned Owl, 2; Barred Owl, 2; Belted Kingfisher, 28; Yellow-shafted Flicker, 53; Pileated Woodpecker, 11; Red-bellied Woodpecker, 45; Yellow-bellied Sapsucker, **24**; Downy Woodpecker, 17; Red-cockaded Woodpecker, 2; Eastern Phoebe, 47; Tree Swallow, 200; Blue Jay, **136**; Common Crow, 90; Fish Crow, 55; Carolina Chickadee, **91**; Tufted Titmouse, 44; Brown-headed Nuthatch, 40; House Wren, 31; Winter Wren, 4; Carolina Wren, 41; Long-billed Marsh Wren, 6; Short-billed Marsh Wren, 8; Mockingbird, 74; Catbird, 17; Brown Thrasher, 48; Robin, 450; Hermit Thrush, 5; Eastern Bluebird, 56; Blue-gray Gnatcatcher, 17; Golden-crowned Kinglet, **27**; Ruby-crowned Kinglet, 137; Water Pipit, 3; Cedar

Waxwing, 10; Loggerhead Shrike, **21**; Starling, 11; White-eyed Vireo, 2; Solitary Vireo, **9**; Black-and-white Warbler, 1; Orange-crowned Warbler, 21; Myrtle Warbler, 400; Yellow-throated Warbler, 2; Pine Warbler, 26; Palm Warbler, 14; Yellowthroat, 11; House Sparrow, 40; Eastern Meadowlark, 86; Redwinged Blackbird, 750; Boat-tailed Grackle, **210**; Common Grackle, 38; Brown-headed Cowbird, 20; Cardinal, 111; Purple Finch, 1; Am. Goldfinch, 105; Rufous-sided Towhee, 144; Savannah Sparrow, 6; Seaside Sparrow, 4; Vesper Sparrow, 8; Bachman's Sparrow, 1; Chipping Sparrow, 24; Field Sparrow, 1; White-throated Sparrow, 80; Swamp Sparrow, 24; Song Sparrow, 44. **Total,** 136 species; about 9068 individuals. (Seen in area count period, but not on count day: Scissor-tailed Flycatcher.)—Julius Ariail, Robert N. Birdwhistell, Mike Cochran, Jack Dozier, Lee R. Herndon, George Kontis, Larry C. Oglesby (compiler), Storrs Olson, Henry M. and Ernest Stevenson, Edwin Tyson, Mr. and Mrs. Richard L. West, Lovett Williams, June Watford.

249. Pensacola, Fla. (all points within a 15-mile diameter circle, center in Pensacola Bay 1 mile east of Magnolia Bluff as in past 4 years; city and suburban 8%, bay shores and open bay 21%, scrub oak 2%, Live Oak and deciduous woods 20%, pine woods 16%, pasture and cut-over woods 21%, wooded swamps 2%, fresh-water ponds 4%, salt and brackish marsh 4%, Gulf beach and dunes 2%).—Jan. 2; 6:30 a.m. to 5 p.m. Cloudy, showers a.m.; temp. 51° to 69°; wind ENE to ESE, 11-15 m.p.h. Eleven observers in 4 parties. Total party-hours, 36 (18 on foot, 18 by car); total party-miles, 214 (12 on foot, 202 by car). ► Common Loon, 39; Horned Grebe, 45; Pied-billed Grebe, 10; Brown Pelican, 3; Gannet, 1; Double-crested Cormorant, 76; Great Blue Heron, 4; Am. Bittern, 1; Ring-necked Duck, 5; Lesser Scaup, 529; Common Goldeneye, 24; Bufflehead, 23; Red-breasted Merganser, 88; Red-shouldered Hawk, 2; Marsh Hawk, 6; Osprey, 1; Sparrow Hawk, 10; Bobwhite, 7; Clapper Rail, 1; Sora, 1; Killdeer, 67; Black-bellied Plover, 23; Common Snipe, 5; Spotted Sandpiper, 3; Greater Yellowlegs, 5; Dunlin, 10; Sanderling, 18; **Iceland Gull,** 1 (B.L.M., still present Jan. 17—F.M.W.); Herring Gull, 70; Ring-billed Gull, 271; Laughing Gull, 167; Bonaparte's Gull, 33; Forster's Tern, 46; Common Tern, 3; Royal Tern, 12; Mourning Dove, 12; Belted Kingfisher, 11; Yellow-shafted Flicker, 25; Pileated Woodpecker, 1; Red-bellied Woodpecker, 18; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 16; Hairy Woodpecker, 1; Downy Woodpecker, 4; Eastern Phoebe, 10; Blue Jay, 211; Common Crow, 13; Fish Crow, 50; Carolina Chickadee, 23; Tufted Titmouse, 46; **Red-breasted Nuthatch,** 1 (F.B.); Brown Creeper, 1; House Wren, 8; Carolina Wren, 32; Long-billed Marsh Wren, 2; Short-billed Marsh Wren, 40; Mockingbird, 74; Catbird, 2; Brown Thrasher, 46; Robin, 6017; Hermit Thrush, 4; Eastern Bluebird, 8; Blue-gray Gnatcatcher, 17; Golden-crowned Kinglet, 11; Ruby-crowned Kinglet, 78; Water Pipit, 226; Cedar Waxwing, 6; Loggerhead Shrike, 15; Starling, 74; Solitary Vireo, **6**; Black-and-white Warbler, 2; Orange-crowned Warbler, 22; Myrtle Warbler, 405; Yellow-throated Warbler, 3; Pine Warbler, 53; Palm Warbler, 6; Yellowthroat, 6; House Sparrow, 60; Eastern Meadowlark, 63; Redwinged Blackbird, 610; Rusty Blackbird, 1; Brewer's Blackbird, 43; Common Grackle, 9; Brown-headed Cowbird, 127; Cardinal, 55; Am. Goldfinch, 41; Rufous-sided Towhee, 140; Savannah Sparrow, 30; **Le Conte's Sparrow,** 1 (A.M., B.M.); Sharp-tailed Sparrow, 3; Seaside Sparrow, 1; Vesper Sparrow, 11; Bachman's Sparrow, 1; Chipping Sparrow, 1; Field Sparrow, 101; White-throated Sparrow, 580; Swamp Sparrow, 57; Song Sparrow, 41. **Total,** 98 species; about 11,194 individuals. (Seen in area count period, but not on count day: Turkey Vulture, Black Vulture.)—Joyce T. Baxter, Frank Bray, Lyman E. Goodnight, C. J. Kahn, Angus M. McMillan, Jr., Burt L. Monroe, Jr., R. D. Olmstead, Alan C. Sheppard, Maleta M. Wernicke, Francis M. Weston (compiler), A. Frederick Wicke, Jr.

250. St. Marks, Fla. (all points within a 15-mile diameter circle, center 1 mile SW of St. Marks; appreciably more coverage of pine woods than in 1958).—Dec. 31; 2:30 a.m. to 6 p.m. Partly cloudy; temp. 39° to 54°; wind NE, 10-15 m.p.h. Twenty-two observers in 11 parties. Total party-hours, 116 (79 on foot, 18 by car, 19 by boat); total party-miles, 334 (75 on foot, 223 by car, 36 by boat). ► Common Loon, **72**; Red-throated Loon, 1; Horned Grebe, **185**; Pied-billed Grebe, 120; White Pelican, 1; Brown Pelican, 1; Double-crested Cormorant, 325; Anhinga, 42; Great Blue Heron, 64; Green Heron, 1; Little Blue Heron, 130; Common Egret, 80; Snowy Egret, 54; Louisiana Heron, 82; Black-crowned Night Heron, 9; Am. Bittern, 1; White Ibis, 1; Canada Goose, 1600; Snow Goose, **12**; Blue Goose, 20; Mallard, 170; Black Duck, 120; Gadwall, 38; Pintail, 395; Green-winged Teal, 40; Blue-winged Teal, 3; Am. Wigeon, 200; Shoveler, 16; Wood Duck, **85**; Redhead, 2600; Ring-necked Duck, 65; Canvasback, 16; Greater Scaup, 10; Lesser Scaup, 430; scaup (sp.), 1125; Common Goldeneye, 45; Bufflehead, **700**; Oldsquaw, 1; Surf Scoter, 1; Ruddy Duck, 17; Hooded Merganser, 24; **Common Merganser,** 1 (B.L.M.); Red-breasted Merganser, 130; Turkey Vulture, 220; Black Vulture, **265**; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 10; Red-shouldered Hawk, **33**; Bald Eagle, 12; Marsh Hawk, 17; Sparrow Hawk, 13; Bobwhite, 18; Turkey, **5**; Limpkin, 10; King Rail, **4**; Clapper Rail, **26**; Sora, 5; Common Gallinule, **44**; Am. Coot, 2600; Semipalmated Plover, 3; Killdeer, 30; Black-bellied Plover, **90**; Ruddy Turnstone, 40; Am. Woodcock, 2; Common Snipe, 30; Whimbrel, 3; Willet, **460**; Greater Yellowlegs, 7; Lesser Yellowlegs, 4; Knot, **8**; Least Sandpiper, 14; Dunlin, 1450; Short-billed Dowitcher, 8; Semipalmated Sandpiper, 19; Western Sandpiper, 3; Sanderling, 35; small sandpipers (sp.), 815; Herring Gull, 180; Ring-billed Gull, **1140**; Laughing Gull, 3; Bonaparte's Gull, 1; Forster's Tern, 12; Common Tern, 1; Royal Tern, 2; Black Skimmer, 7; Mourning Dove, 160; Ground Dove, 10; Screech Owl, 7; Great Horned Owl, **10**; Barred Owl, **25**; Belted Kingfisher, 53; Yellow-shafted Flicker, 136; Pileated Woodpecker, **33**; Red-bellied Woodpecker, **105**; Red-headed Woodpecker, 8; Yellow-bellied Sapsucker, **44**; Hairy Woodpecker, 6; Downy Woodpecker, 24; Red-cockaded

Woodpecker, 5; Eastern Phoebe, **90**; Tree Swallow, 650; Blue Jay, **177**; Common Crow, 153; Fish Crow, 115; Carolina Chickadee, 86; Tufted Titmouse, 79; Brown-headed Nuthatch, 28; Brown Creeper, 5; House Wren, **51**; Winter Wren, 4; Carolina Wren, **99**; Long-billed Marsh Wren, 14; Short-billed Marsh Wren, 20; Mockingbird, 121; Catbird, 37; Brown Thrasher, 74; Robin, 745; Hermit Thrush, 30; Eastern Bluebird, 25; Blue-gray Gnatcatcher, 23; Golden-crowned Kinglet, **170**; Ruby-crowned Kinglet, **327**; Water Pipit, 140; Cedar Waxwing, 190; Loggerhead Shrike, 10; Starling, 22; White-eyed Vireo, 4; Solitary Vireo, **6**; Black-and-white Warbler, **19**; Orange-crowned Warbler, **29**; Myrtle Warbler, 1165; Yellow-throated Warbler, 4; Pine Warbler, 32; Palm Warbler, 39; Yellowthroat, **107**; House Sparrow, 33; Eastern Meadowlark, **170**; Redwinged Blackbird, **32,870**; Boat-tailed Grackle, 225; Common Grackle, 325; Brown-headed Cowbird, 11; Cardinal, 174; Purple Finch, 11; Am. Goldfinch, **250**; Rufous-sided Towhee, **295**; Savannah Sparrow, **72**; Grasshopper Sparrow, 1; Henslow's Sparrow, **2** (seen well); Sharp-tailed Sparrow, 23; Seaside Sparrow, 1; Vesper Sparrow, 62; Bachman's Sparrow, 1; Slate-colored Junco, 5; Chipping Sparrow, 14; Field Sparrow, 8; White-throated Sparrow, 255; Swamp Sparrow, 89; Song Sparrow, 63. **Total,** 157 species (1 additional race); about 57,161 individuals. (Seen in area count period, but not on count day: nighthawk (sp.), Yellow-breasted Chat.)—Julius Ariail, Jr., Mr. and Mrs. Arthur C. Borror, Warren Brockelman, E. B. Chamberlain, Jack Dozier, Eugene H. Driver, Lee R. Herndon, Lois M. Herndon, Barbara A. Lund, Dana Mills, Burt L. Monroe, Jr., Larry C. Oglesby, Storrs Olson, Henry M. Stevenson (compiler), Ernest Stevenson, Mrs. Frank H. Stoutamire, Charles Sutherland, Jack Taylor, Sylvia Taylor, Edwin L. Tyson, Richard L. West, Lovett E. Williams.

251. St. Petersburg, Fla. (all points within a 15-mile diameter circle, including most of Pinellas Peninsula south of Largo; salt shores 35%, lake shores 10%, marshes 5%, woods 20%, fields and pastures 20%, roadside and residential 10%).—Dec. 26; 7 a.m. to 5 p.m. Fair; temp. 60° to 76°; wind variable, 12 m.p.h. Thirty-seven observers in 14 parties. Total party-hours, 133 (73 on foot, 60 by car); total party-miles, 458 (47 on foot, 411 by car). ► Common Loon, 7; Horned Grebe, 2; Pied-billed Grebe, 27; White Pelican, 5; Brown Pelican, 164; Double-crested Cormorant, 356; Anhinga, 40; Magnificent Frigate-bird, 1; Great Blue Heron, 68; Green Heron, 8; Little Blue Heron, 87; Cattle Egret, 5; Common Egret, 144; Snowy Egret, 122; Louisiana Heron, 42; Black-crowned Night Heron, 15; Yellow-crowned Night Heron, 42; Wood Ibis, 16; White Ibis, 145; Mottled Duck, 10; Ring-necked Duck, 24; Lesser Scaup, 3601; Ruddy Duck, 16; Red-breasted Merganser, 133; Turkey Vulture, 156; Black Vulture, 67; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 6; Red-shouldered Hawk, 5; Bald Eagle, 14 (3 on nest); Marsh Hawk, 14; Osprey, 1; Peregrine Falcon, 1; Pigeon Hawk, 1; Sparrow Hawk, 51; Bobwhite, 210; **Sandhill Crane, 6**; Clapper Rail, 19; Sora, 4; **Purple Gallinule, 1**; Common Gallinule, 79; Am. Coot, 76; Am. Oystercatcher, 23; Semipalmated Plover, 110; Piping Plover, 29; Snowy Plover, 2; Wilson's Plover, 106; Killdeer, 169; Black-bellied Plover, 65; Ruddy Turnstone, 134; Common Snipe, **20**; **Long-billed Curlew, 2**; Whimbrel, 4; Spotted Sandpiper, 21; Willet, 253; Greater Yellowlegs, 7; Lesser Yellowlegs, 1; Knot, 11; Least Sandpiper, 111; Dunlin, 389; Short-billed Dowitcher, 81; Semipalmated Sandpiper, 259; Western Sandpiper, 165; Marbled Godwit, 3; Sanderling, 51; Herring Gull, 2272; Ring-billed Gull, 14,170; Laughing Gull, 1072; Bonaparte's Gull, 3; Forster's Tern, 49; Royal Tern, 297; Sandwich Tern, 1; Caspian Tern, 15; Black Skimmer, 851; Mourning Dove, 829; Ringed Turtle Dove, 29; Ground Dove, 67; Great Horned Owl, 3; Barred Owl, 1; Belted Kingfisher, 58; Yellow-shafted Flicker, 39; Red-bellied Woodpecker, 93; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 6; Hairy Woodpecker, 1; Downy Woodpecker, 5; Eastern Phoebe, 11; Blue Jay, 314; Fish Crow, 283; Tufted Titmouse, 11; House Wren, 11; Carolina Wren, 8; Long-billed Marsh Wren, 1; Short-billed Marsh Wren, 1; Mockingbird, 519; Catbird, 46; Brown Thrasher, 7; Robin, 4718; Hermit Thrush, 1; **Swainson's Thrush, 1** (well seen by competent observer—E.L.); Eastern Bluebird, 9; Blue-gray Gnatcatcher, 29; **Golden-crowned Kinglet, 1**; Ruby-crowned Kinglet, 1; Water Pipit, 216; Loggerhead Shrike, 95; Starling, 89; White-eyed Vireo, 12; Solitary Vireo, 2; Black-and-white Warbler, 8; Orange-crowned Warbler, 2; Myrtle Warbler, 341; Yellow-throated Warbler, 6; Pine Warbler, 14; Prairie Warbler, 10; Palm Warbler, 90 (3 Yellow Palms); Yellowthroat, 41; House Sparrow, 528; Eastern Meadowlark, 215; **Western Meadowlark, 2** (singing—K.D., R.H., M.L.M.); Redwinged Blackbird, 861; Boat-tailed Grackle, 273; Common Grackle, 73; Brown-headed Cowbird, 92; Cardinal, 108; Painted Bunting, 2; Am. Goldfinch, 96; Rufous-sided Towhee, 69; Savannah Sparrow, 66; Henslow's Sparrow, 1; Vesper Sparrow, 3; Bachman's Sparrow, 8; Chipping Sparrow, 4; Field Sparrow, 3; **White-crowned Sparrow, 1**; White-throated Sparrow, 1; Swamp Sparrow, 15; Song Sparrow, 2. **Total,** 139 species (1 additional race); about 36,992 individuals. (Seen in area count period, but not on count day: Am. Bittern, Gadwall, Blue-winged Teal, Hooded Merganser, Screech Owl, Cedar Waxwing, **Yellow Warbler**.)—Eleanor Biehn, Edward and Cleora Buchwald, Ralph P. Bullard, Mrs. Stephen Chase, Dorothy Cotrael, Arthur Davidson, Rev. and Mrs. Duncan Dodd, Kenneth Dubkie, Louise Forsyth, Robert Hamilton, Mrs. Hanrahan, Mrs. Heron, Winnie Horne, Evie Kelley, Elizabeth Leach, Christie Mason, John P. McDonald, Mary Lou Mills, Gary Minor, Daisie M. Morrison (compiler), Ronald Naveen, Mr. and Mrs. Kenneth Newbaund, Jack O'Neil, Carl Radder, Mr. and Mrs. Shea, Harry Slocum, Frances Smith, Mr. and Mrs. Ayers Stevens, Mr. and Mrs. Jason Stevens, Dick West, Olga Zurcher.

252. Sarasota, Fla. (all points within a 15-mile diameter circle, center 3.9 miles east of intersection of Tamiami Trail and Bee Ridge Road; gulf beach 11%, bay shore 22%, residential 10%, pine woods 6%, mixed woods 6%, fresh-water ponds 5%, ranches

and farmlands 40%).—Dec. 27; 5:30 a.m. to 6:30 p.m. Clear; temp. 60° to 81°; wind SE, 10-2 m.p.h. Twenty-four observers in 9 parties. Total party-hours, 72 (31 on foot, 41 by car); total party-miles, 321 (28 on foot, 293 by car). ► Common Loon, 2; Pied-billed Grebe, 10; Brown Pelican, 358; Double-crested Cormorant, 221; Anhinga, 16; **Magnificent Frigate-bird, 1**; Great Blue Heron, 36; Green Heron, 7; Little Blue Heron, 175; Cattle Egret, 41; Common Egret, 186; Snowy Egret, 118; Louisiana Heron, 31; Wood Ibis, 9; White Ibis, 531; Mottled Duck, 21; Lesser Scaup, 23; Hooded Merganser, 2; Red-breasted Merganser, 83; Turkey Vulture, 121; Black Vulture, 90; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 9; Red-shouldered Hawk, 24; Bald Eagle, 6; Marsh Hawk, 20; Osprey, 2; Caracara, 1; Pigeon Hawk, 1; Sparrow Hawk, 53; Bobwhite, 503; Sandhill Crane, 39; Common Gallinule, 24; Am. Coot, 39; Semipalmated Plover, 59; Piping Plover, 1; Snowy Plover, 2; Wilson's Plover, 1; Killdeer, 165; Black-bellied Plover, 65; Ruddy Turnstone, 16; Common Snipe, 16; Spotted Sandpiper, 9; Willet, 31; Greater Yellowlegs, 16; Lesser Yellowlegs, 2; Least Sandpiper, 16; Dunlin, 221; Short-billed Dowitcher, 6; Semipalmated Sandpiper, 10; Western Sandpiper, 9; Sanderling, 273; Herring Gull, 111; Ring-billed Gull, 1780; Laughing Gull, 178; Forster's Tern, 26; Common Tern, 1; Royal Tern, 185; Sandwich Tern, 19; Black Skimmer, 83; Mourning Dove, 547; Ground Dove, 67; Screech Owl, 2; Great Horned Owl, 3; Barred Owl, 4; Ruby-throated Hummingbird, 1; Belted Kingfisher, 40; Yellow-shafted Flicker, 42; Pileated Woodpecker, 1; Red-bellied Woodpecker, 62; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 7; Downy Woodpecker, 5; Eastern Phoebe, 16; Tree Swallow, 5050; Blue Jay, 126; Scrub Jay, 5; Common Crow, 42; Fish Crow, 583; Tufted Titmouse, 25; House Wren, 14; Carolina Wren, 30; Mockingbird, 216; Catbird, 40; Brown Thrasher, 4; Robin, 1350; Eastern Bluebird, 48; Blue-gray Gnatcatcher, 36; Ruby-crowned Kinglet, 3; Water Pipit, 20; Loggerhead Shrike, 93; Starling, 32; White-eyed Vireo, 9; Solitary Vireo, 1; Black-and-white Warbler, 6; Orange-crowned Warbler, 3; Myrtle Warbler, 30; Yellow-throated Warbler, 10; Pine Warbler, 17; Prairie Warbler, 3; Palm Warbler, 194; Yellowthroat, 49; House Sparrow, 268; Eastern Meadowlark, 194; Redwinged Blackbird, 740; Baltimore Oriole, 1; Boat-tailed Grackle, 244; Common Grackle, 163; Brown-headed Cowbird, 1750; Cardinal, 129; Painted Bunting, 13; **Dickcissel, 1**; Am. Goldfinch, 448; Rufous-sided Towhee, 56; Savannah Sparrow, 52; Grasshopper Sparrow, 1; Chipping Sparrow, 45; Swamp Sparrow, 10; Song Sparrow, 2. **Total,** 120 species; about 19,060 individuals. (Seen in area count period, but not on count day: Bonaparte's Gull, Indigo Bunting.)—Mr. and Mrs. Charles W. Atwood, Mr. and Mrs. L. Roy Brace, Mr. and Mrs. A. C. Brettle, Mr. and Mrs. Talbot Brewer, Mrs. George R. Cardinal, George Dillman, Guy H. Goodman, Mr. and Mrs. W. A. Hartman, Mr. and Mrs. Orrin W. Letson, Dorothea Marston, Mrs. Joshua Platt, Charles P. Preston (compiler), Chandler Robbins, Jr., Albert Schlaf, Mrs. Annie C. Sturgis, Margaret Sturgis, George Teel, Edward Wigglesworth, Jr. (Sarasota Bird Club and guests).

253. Stuart, Fla. (all points within a 15-mile diameter circle, center at U. S. 1 and 4th Street, Stuart; replaces Jensen Beach count of past 2 years; ocean and beaches 10%, inlet and tidal flats 15%, St. Lucie and Indian Rivers and shores 15%, causeways 5%, mangrove 5%, scrub oak 5%, pine woods 10%, fresh-water ponds and marsh 5%, pasture 5%, jungle and hammock 15%, residential areas 10%).—Dec. 27; 7:30 a.m. to 5 p.m. Clear to partly cloudy; temp. 71° to 78°; wind ENE, 0-10 m.p.h. Ten observers in 6 parties. Total party-hours, 57 (36 on foot, 19 by car, 2 by boat); total party-miles, 101 (18 on foot, 80 by car, 3 by boat). ► Common Loon, 1; Pied-billed Grebe, 1; Brown Pelican, 256; Gannet, 1; Double-crested Cormorant, 43; Anhinga, 11; Magnificent Frigate-bird, 12; **Great White Heron, 1** (all field marks); Great Blue Heron, 61; Green Heron, 2; Little Blue Heron, 29; Cattle Egret, 14; Common Egret, 13; Snowy Egret, 10; Louisiana Heron, 2; Black-crowned Night Heron, 3; Yellow-crowned Night Heron, 5; Least Bittern, 3; Wood Ibis, 3; White Ibis, 19; Green-winged Teal, 2; Blue-winged Teal, 3; Lesser Scaup, 257; Red-breasted Merganser, 3; Turkey Vulture, 24; Black Vulture, 34; Sharp-shinned Hawk, 1; Red-shouldered Hawk, 4; Bald Eagle, 6; Marsh Hawk, 3; Osprey, 10; Sparrow Hawk, 41; Bobwhite, 72; Sandhill Crane, 5; Clapper Rail, 1; Common Gallinule, 7; Killdeer, 7; Black-bellied Plover, 14; Ruddy Turnstone, 34; Spotted Sandpiper, 3; Willet, 11; Greater Yellowlegs, 6; Lesser Yellowlegs, 3; Sanderling, 13; Herring Gull, 51; Ring-billed Gull, 391; Laughing Gull, 3; Forster's Tern, 36; **Common Tern, 2**; Royal Tern, 50; Caspian Tern, 117; Black Skimmer, 105; Mourning Dove, 102; Ground Dove, 42; Ruby-throated Hummingbird, 4; Belted Kingfisher, 22; Yellow-shafted Flicker, 19; Red-bellied Woodpecker, 36; Yellow-bellied Sapsucker, 11; Downy Woodpecker, 3; **Red-cockaded Woodpecker, 1**; Great Crested Flycatcher, 4; Eastern Phoebe, 20; Tree Swallow, 85; Blue Jay, 61; Scrub Jay, 6; Common Crow, 4; Fish Crow, 94; **Tufted Titmouse, 1** (at feeder all month); House Wren, 8; Carolina Wren, 7; Mockingbird, 101; Catbird, 13; Brown Thrasher, 19; Robin, **4902**; Hermit Thrush, 1; Eastern Bluebird, 6; Blue-gray Gnatcatcher, 7; Loggerhead Shrike, 15; Orange-crowned Warbler, 1; Parula Warbler, 1; Myrtle Warbler, 4; Yellow-throated Warbler, 3; Pine Warbler, 11; Prairie Warbler, 14; Palm Warbler, 51; Ovenbird, 1; Yellowthroat, 13; House Sparrow, 33; Eastern Meadowlark, 37; Redwinged Blackbird, 109; Boat-tailed Grackle, 159; Common Grackle, 30; Cardinal, 42; Painted Bunting, 7; Am. Goldfinch, 15; Rufous-sided Towhee, 10; Savannah Sparrow, 6; Chipping Sparrow, 24; Swamp Sparrow, 1. **Total,** 100 species; about 7975 individuals. (Seen in area count period, but not on count day: Dunlin, Pileated Woodpecker, Black-and-white Warbler.)—Mrs. Charles Fisher, Mrs. Frederick W. Hazlewood, Mrs. Ralph Hiers, Lyle S. Hubbard (compiler), Mrs. Lyle S. Hubbard, Virginia J. Hubbard, James McMahon, Mrs. Ethel Mitchell, Mrs. H. B. Swinglehurst, Frank E. Wood.

254. Tangerine–Mount Dora, Fla. (all points within a 15-mile diameter circle, center Tangerine Store, including Lake Shore Drive, Mount Dora, Tangerine, Lake Jem, Duda and Zellwood Farms; farm mucklands, shores of lakes and ponds, scrub, residential).—Dec. 28; 6:30 a.m. to 5:30 p.m. Clear a.m., rain p.m.; temp. 64° to 76°; wind SE, 10-20 m.p.h. Six observers in 3 parties. Total party-hours, 25 (6 on foot, 19 by car); total party-miles, 86 (3 on foot, 83 by car). ► Pied-billed Grebe, 17; Double-crested Cormorant, 10; Anhinga, 6; Great Blue Heron, 3; Green Heron, 2; Little Blue Heron, 36; Common Egret, 27; Snowy Egret, 4; Louisiana Heron, 1; Black-crowned Night Heron, 1; Mottled Duck, 14; Ring-necked Duck, 38; Lesser Scaup, 116; **Bufflehead, 2**; Ruddy Duck, 15; Turkey Vulture, 24; Black Vulture, 11; Red-tailed Hawk, 3; Red-shouldered Hawk, 1; Bald Eagle, 3; Marsh Hawk, 14; Sparrow Hawk, 20; Bobwhite, 49; **Sandhill Crane, 5**; Common Gallinule, 8; Am. Coot, 1002; Killdeer, 28; Black-bellied Plover, 1; Common Snipe, 19; Greater Yellowlegs, 6; Lesser Yellowlegs, 6; Least Sandpiper, 5; Herring Gull, 5; Ring-billed Gull, 810; Bonaparte's Gull, 19; Forster's Tern, 4; Mourning Dove, 19; Ground Dove, 20; Belted Kingfisher, 8; Yellow-shafted Flicker, 19; Red-bellied Woodpecker, 30; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 1; Eastern Phoebe, 16; Tree Swallow, 229; Blue Jay, 38; Scrub Jay, 2; Fish Crow, 125; Tufted Titmouse, 6; House Wren, 3; Carolina Wren, 3; Mockingbird, 68; Catbird, 1; Brown Thrasher, 5; Robin, 210; Eastern Bluebird, 3; Ruby-crowned Kinglet, 8; Water Pipit, 69; Loggerhead Shrike, 36; Starling, 83; Orange-crowned Warbler, 1; Myrtle Warbler, 152; Yellow-throated Warbler, 1; Prairie Warbler, 2; Palm Warbler, 19; Yellowthroat, 1; House Sparrow, 36; Eastern Meadowlark, 18; Red-winged Blackbird, 1439; **Baltimore Oriole, 1**; Boat-tailed Grackle, 231; Common Grackle, 1; Brown-headed Cowbird, 100; Cardinal, 28; Am. Goldfinch, 22; Rufous-sided Towhee, 16; Savannah Sparrow, 31; Vesper Sparrow, 18; Chipping Sparrow, 7; Field Sparrow, 1; White-throated Sparrow, 3; Swamp Sparrow, 3; Song Sparrow, 8. **Total,** 83 species; about 5477 individuals. (Seen in area count period, but not on count day: Sharp-shinned Hawk, Screech Owl, Great Horned Owl, Blue-gray Gnatcatcher.)—Marianna Cowle, Ann and Henry Harford, Carl Malcolm, Mrs. James L. Moody (compiler), Marvin Wass.

255. Titusville–Merritt Island, Fla. (all points within a 15-mile diameter circle, center same as in previous years).—Dec. 31; 7 a.m. to 5 p.m. Fair; temp. 42° to 65°; wind NE, 8-20 m.p.h. Twenty-one observers in 4 parties. Total party-hours, 47 (14 on foot, 33 by car); total party-miles, 215 (8 on foot, 207 by car). ► Common Loon, 4; Horned Grebe, 36; Pied-billed Grebe, 31; White Pelican, 20; Brown Pelican, 143; Gannet, 12; Double-crested Cormorant, 156; Anhinga, 6; Great Blue Heron, 40; Green Heron, 12; Little Blue Heron, 22; Cattle Egret, 13; Common Egret, 59; Snowy Egret, 26; Louisiana Heron, 34; Am. Bittern, 1; Wood Ibis, 15; White Ibis, 528; Mottled Duck, 2; Pintail, 38; Blue-winged Teal, 4; Am. Widgeon, 400; Shoveler, 4; Redhead, 1; Ring-necked Duck, 26; Lesser Scaup, 7460; Ruddy Duck, 4; Red-breasted Merganser, 28; Turkey Vulture, 45; Black Vulture, 13; Red-tailed Hawk, 11; Red-shouldered Hawk, 3; **Rough-legged Hawk, 1** (F.A.) [first report for county—Ed.]; Bald Eagle, 6; Marsh Hawk, 10; Osprey, 5; Sparrow Hawk, 55; Bobwhite, 19; Sora, 4; Common Gallinule, 1; Am. Coot, 752; Killdeer, 41; Black-bellied Plover, 13; Ruddy Turnstone, 190; Common Snipe, 4; Spotted Sandpiper, 4; **Solitary Sandpiper, 1**; Willet, 1; Greater Yellowlegs, 3; Lesser Yellowlegs, 2; Least Sandpiper, 3; Dunlin, 64; Short-billed Dowitcher, 2; Semipalmated Sandpiper, 26; Western Sandpiper, 5; Sanderling, 45; **Great Black-backed Gull, 1**; Herring Gull, 238; Ring-billed Gull, 970; Laughing Gull, 9; Bonaparte's Gull, 38; **Gull-billed Tern, 1** (Davidson party); Forster's Tern, 57; Common Tern, 1; Royal Tern, 36; Caspian Tern, 9; Black Skimmer, 1; Mourning Dove, 40; Ground Dove, 37; Belted Kingfisher, 26; Yellow-shafted Flicker, 32; Pileated Woodpecker, 2; Red-bellied Woodpecker, 21; Yellow-bellied Sapsucker, 8; Downy Woodpecker, 1; Eastern Phoebe, 19; Tree Swallow, 78; Blue Jay, 23; Scrub Jay, 59; Common Crow, 104 [a count of over 10 in Brevard County always amazing—Ed.]; Fish Crow, 618; Tufted Titmouse, 2; House Wren, 17; Carolina Wren, 20; Mockingbird, 94; Catbird, 29; Brown Thrasher, 1; Robin, 1363; Eastern Bluebird, 5; **Golden-crowned Kinglet, 1** (M.W.); Ruby-crowned Kinglet, 3; Cedar Waxwing, 1; Loggerhead Shrike, 23; Starling, 4; **Yellow-throated Vireo, 1** (well seen in good light—Norton party); Black-and-white Warbler, 1; Orange-crowned Warbler, 4; Myrtle Warbler, 222; Yellow-throated Warbler, 6; Pine Warbler, 7; Prairie Warbler, 4; Palm Warbler, 69; Yellowthroat, 46; House Sparrow, 17; Eastern Meadowlark, 36; Redwinged Blackbird, 231; Boat-tailed Grackle, 315; Common Grackle, 45; Cardinal, 21; Am. Goldfinch, 107; Rufous-sided Towhee, 24; Savannah Sparrow, 28; Grasshopper Sparrow, 1; Sharp-tailed Sparrow, 1; Dusky Seaside Sparrow, 4; Vesper Sparrow, 5; Chipping Sparrow, 11; White-throated Sparrow, 1; Swamp Sparrow, 22; Song Sparrow, 4. **Total,** 120 species; about 15,679 individuals.—Fred J. Ackerman, Mrs. Rose Block, Mr. and Mrs. J. K. Boldtman, Dorcas Brigham, W. M. Davidson (compiler), A. J. Fairbanks, Mrs. A. J. Fairbanks, Mrs. Fred Foster, Irwin Fritz, Lydia Hamilton, Mrs. Ann Harrison, Roy Hudson, Mrs. Roy Hudson, C. R. Mason, Mrs. Rae Moody, Adele Moore, Marjorie Moore, Mrs. Donald Norton, Doris Thompson, Marvin Wass.

256. West Palm Beach, Fla. (all points within a 15-mile diameter circle, center 0.2 mile southwest of Forest Hill Blvd. and Congress Ave.; pasture and farmland 21%, brackish lake 17%, pinelands 15%, fresh-water ponds and marsh 14%, residential 13%, palmetto 9%, tropical hardwood 5%, cypress swamp 4%, ocean and beach 2%).—Dec. 26; 5:30 a.m. to 5:30 p.m. Partly cloudy; temp. 70° to 75°; wind E to ENE, 15-23 m.p.h. Fifteen observers in 10 parties. Total party-hours, 79 (37 on foot, 38 by car, 4 by boat); total party-miles, 424 (33 on foot, 385 by car, 6 by boat). ► Pied-billed Grebe, 4; Brown Pelican, 173; Gannet, 7; Double-crested Cormorant, 40; Anhinga, 13; Magnificent Frigate-bird, 6; Great Blue

Heron, 44; Green Heron, 10; Little Blue Heron, 63; Cattle Egret, 347; Common Egret, 39; Snowy Egret, 12; Louisiana Heron, 8; Black-crowned Night Heron, 3; Yellow-crowned Night Heron, 8; White Ibis, 6; Blue-winged Teal, 1; Ring-necked Duck, 10; Lesser Scaup, 59; Red-breasted Merganser, 8; Turkey Vulture, 392; Black Vulture, 62; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 4; Marsh Hawk, 27; Osprey, 10; Sparrow Hawk, 88; Bobwhite, 100; Sandhill Crane, 2; Limpkin, 1; Sora, 1; Purple Gallinule, **6** (3 parties); Common Gallinule, 43; Am. Coot, 74; Semipalmated Plover, 34; Killdeer, 45; **Am. Golden Plover, 1** (all field marks, 9 miles from coast, studied at 30 ft.—H.P.L.); Black-bellied Plover, 26; Ruddy Turnstone, 106; Common Snipe, 16; Spotted Sandpiper, 9; Willet, 1; Greater Yellowlegs, 4; Lesser Yellowlegs, 6; Least Sandpiper, 6; Dunlin, 6; Semipalmated Sandpiper, 6; Western Sandpiper, 21; Sanderling, 66; Herring Gull, 93; Ring-billed Gull, 3048; Laughing Gull, 23; Bonaparte's Gull, 39; Forster's Tern, 6; Royal Tern, 57; Caspian Tern, 6; Black Skimmer, 10; **White-winged Dove, 3** (at feeding station since Oct.); Mourning Dove, 154; Ground Dove, 33; **Smooth-billed Ani, 5**; Screech Owl, 2; Great Horned Owl, 2; Ruby-throated Hummingbird, 4; Belted Kingfisher, 24; Yellow-shafted Flicker, 22; Red-bellied Woodpecker, 72; Yellow-bellied Sapsucker, 6; Hairy Woodpecker, 1; Downy Woodpecker, 1; **Eastern Kingbird, 2** (carefully identified—Stearns party); **Western Kingbird, 2**; Eastern Phoebe, 17; **empidonax flycatcher (sp.), 1**; Tree Swallow, 21; Blue Jay, 17; Scrub Jay, 9; Fish Crow, 670; House Wren, 17; Carolina Wren, 5; Long-billed Marsh Wren, 1; Short-billed Marsh Wren, 2; Mockingbird, 157; Catbird, 29; Brown Thrasher, 1; Robin, 2284; Blue-gray Gnatcatcher, 29; Ruby-crowned Kinglet, 2; Loggerhead Shrike, 88; White-eyed Vireo, 2; Solitary Vireo, 2; Black-and-white Warbler, 1; Parula Warbler, 4; Myrtle Warbler, 1; Yellow-throated Warbler, 2; Pine Warbler, 16; Prairie Warbler, 1; Palm Warbler, 110; Ovenbird, 1; Yellowthroat, 19; House Sparrow, 230; Eastern Meadowlark, 172; Redwinged Blackbird, 610; Baltimore Oriole, 1; Boat-tailed Grackle, 130; Common Grackle, 31; Brown-headed Cowbird, 39; Cardinal, 84; Indigo Bunting, 1; Painted Bunting, 23; Am. Goldfinch, 41; Rufous-sided Towhee, 23; Savannah Sparrow, 7; Grasshopper Sparrow, 2; Swamp Sparrow, 6. **Total,** 117 species; about 10,557 individuals. (Seen in area count period, but not on count day: Common Loon, Piping Plover, Solitary Sandpiper, Cedar Waxwing.) —Mr. and Mrs. Frank Akers, Marion E. Allen, Robert Cointepoix, Atha Green, L. Alta. Irwin, Roberta Knight, H. P. Langridge (compiler), Katie Lujack, Albert Morgan, Alice B. Shaw, Alice Stearns, Alice Swain, Jacob M. Valentine, Jr., Louise Van Acker (Audubon Society of the Everglades).

257. Ashland, Ohio (all points within a 15-mile diameter circle, center 3½ miles south of Ashland on Route 511; regular area at Charles Mill Dam reservoir plus Moherman farm NW of Jeromesville; deciduous woods 35%, fields 25%, cultivated fields 5%, marsh and bushy swamps 25%, roadsides 5%, pine plantings 5%).—Dec. 27; 7:30 a.m. to 5 p.m. Mostly cloudy, misty rain; temp. 50° to 62°; wind S, 0-10 m.p.h.; ground bare, lake partly frozen. Eleven observers in 5 parties. Total party-hours, 33 (all on foot); total party-miles, 45 (all on foot). ► Mallard, 18; Black Duck, 30; Pintail, 16; Common Goldeneye, 4; **Turkey Vulture, 1** (soaring low—Mrs. S.W.S.); Cooper's Hawk, 1; Red-shouldered Hawk, 1; Bald Eagle, 2; Sparrow Hawk, 2; Bobwhite, 26; Mourning Dove, 70; Screech Owl, 1; Barred Owl, 4; Long-eared Owl, 1; Yellow-shafted Flicker, 7; Pileated Woodpecker, 4; Red-bellied Woodpecker, 8; Red-headed Woodpecker, 2; Hairy Woodpecker, 7; Downy Woodpecker, 44; Horned Lark, 1; Blue Jay, 23; Common Crow, 1; Black-capped Chickadee, 70; Tufted Titmouse, 34; White-breasted Nuthatch, 44; Red-breasted Nuthatch, 1; Brown Creeper, 16; Carolina Wren, 17; Robin, 1; Eastern Bluebird, 6; Golden-crowned Kinglet, 29; Starling, 26; House Sparrow, 83; Cardinal, 79; Am. Goldfinch, 42; **Grasshopper Sparrow, 1** (studied carefully in good light—P.D.H.); Slate-colored Junco, 27; Tree Sparrow, 201; Chipping Sparrow, 2; Field Sparrow, 3; Swamp Sparrow, 14; Song Sparrow, 149. **Total,** 43 species; about 1119 individuals.—Byron L. Burnett, Robert C. Haas, Paul D. Harwood, Burton C. Kahl (compiler), Larry Lamb, S. M. Martin, Mr. and Mrs. Stephen W. Simon, Paul Thornburg, Thomas Thornburg, Robert W. Wolfgang.

258. Ashtabula, Ohio (all points within a 15-mile diameter circle, center 1 mile east of Kingsville on Lake Erie; Lake Erie shore from 1 mile west of Ashtabula to Ohio-Pennsylvania line near Conneaut and 7 miles inland on lake plain; Lake Erie shore 25%, brushy lake plain 20%, streams and ponds 10%, deciduous woods with much hemlock and some pine 20%, upland farms and marshes 25%).—Jan. 1; 7:30 a.m. to 5 p.m. Sunny; temp. 26° to 34°; wind SW, 5 m.p.h.; 1-in. snow on ground, Lake Erie and ponds open. Seventeen observers in 6 parties. Total party-hours, 38 (24 on foot, 14 by car); total party-miles, 293 (250 on foot, 43 by car). ► **Red-necked Grebe, 2**; Canada Goose, 5; Mallard, 14; Lesser Scaup, 20; Common Goldeneye, 30; Bufflehead, 10; Common Merganser, 2; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 2; Sparrow Hawk, 3; Ruffed Grouse, 5; Ring-necked Pheasant, 6; **Great Black-backed Gull, 1**; Herring Gull, 301; Ring-billed Gull, 845; **Bonaparte's Gull, 5**; Mourning Dove, 36; Great Horned Owl, 1; Red-bellied Woodpecker, 1; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 7; Downy Woodpecker, 25; Blue Jay, 48; Common Crow, 23; Black-capped Chickadee, 162; Tufted Titmouse, 22; White-breasted Nuthatch, 34; Red-breasted Nuthatch, 8; Brown Creeper, 2; **Carolina Wren, 1**; Robin, 24; Golden-crowned Kinglet, 8; Cedar Waxwing, 32; Starling, 1003; House Sparrow, 797; **Eastern Meadowlark, 9**; Cardinal, 147; **Evening Grosbeak, 28**; **Common Redpoll, 69**; **Pine Siskin, 4**; Am. Goldfinch, 74; Slate-colored Junco, 94; Tree Sparrow, 149; **White-throated Sparrow, 1**; Song Sparrow, 15; Snow Bunting, 141. **Total,** 47 species; about 4220 individuals.—Jon Ahlquist, Dorland Blackman, Howard E. Blakeslee, Duane F. Ferris, Norman Hazen, Harold R. Miller, J. P. Perkins, Mrs. J. P.

Perkins, Paul Savage (compiler), John Thayer, Howard Walding, Frank L. Yocom.

259. Brecksville, Ohio (all points within a 15-mile diameter circle, center Brecksville).—Jan. 2; 8 a.m. to 5 p.m. Intermittent drizzle; temp. 40° to 45°; wind SW, 0-3 m.p.h. Thirteen observers, 6 in 3 parties, 7 at feeders. Total party-hours, 47; total party-miles, 75 (15 on foot, 60 by car). ► Mallard, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Sparrow Hawk, 1; Bobwhite, 11; Ring-necked Pheasant, 3; Mourning Dove, 1; Barred Owl, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 1; Pileated Woodpecker, 1; Red-bellied Woodpecker, 8; Hairy Woodpecker, 15; Downy Woodpecker, 47; Blue Jay, 46; Common Crow, 7; Black-capped Chickadee, 134; Tufted Titmouse, 65; White-breasted Nuthatch, 53; Brown Creeper, 2; Carolina Wren, 3; Robin, 6; Starling, 142; Myrtle Warbler, 5; House Sparrow, 196; Cardinal, 123; Evening Grosbeak, 69; Purple Finch, 34; Common Redpoll, 65; Am. Goldfinch, 56; Slate-colored Junco, 60; Tree Sparrow, 84; Fox Sparrow, 1; Song Sparrow, 17. **Total,** 34 species; about 1263 individuals.—D. D. Hinman, Mike Lister, Jerry Piskac, M. B. Skaggs, H. E. Wallin (compiler).

260. Buckeye Lake, Ohio (all points within a 15-mile diameter circle, center Buckeye Lake Park as in past 34 years; deciduous woodlands 60%, brushy swamp and cattail marsh 10%, open farmland 30%).—Dec. 27; 7:15 a.m. to 5:15 p.m. Cloudy; temp. 50° to 66°; wind SE, 0-5 m.p.h.; ground bare, lake partly ice-covered, streams open. Thirty observers in 7 parties. Total party-hours, 62 (46 on foot, 16 by car); total party-miles, 246 (77 on foot, 169 by car). ► Great Blue Heron, 12; Mallard, 114; Black Duck, 245; Gadwall, 1; Pintail, 7; Green-winged Teal, 1; Lesser Scaup, 3; Common Goldeneye, 6; Common Merganser, 2; Cooper's Hawk, 2; Red-tailed Hawk, 11; Red-shouldered Hawk, 2; Marsh Hawk, 5; Sparrow Hawk, 29; Bobwhite, 119; Ring-necked Pheasant, 7; Killdeer, 3; Herring Gull, 6; Ring-billed Gull, 1; Mourning Dove, 456; Barn Owl, 1; Screech Owl, 2; Great Horned Owl, 4; Barred Owl, 5; Belted Kingfisher, 9; Yellow-shafted Flicker, 66; Pileated Woodpecker, 12; Red-bellied Woodpecker, 54; Red-headed Woodpecker, 20; Yellow-bellied Sapsucker, 7; Hairy Woodpecker, 25; Downy Woodpecker, 312; Horned Lark, 137; Blue Jay, 205; Common Crow, 15; **Black-capped Chickadee, 11**; Carolina Chickadee, 299; Tufted Titmouse, 257; White-breasted Nuthatch, 203; Red-breasted Nuthatch, 7; Brown Creeper, **100**; Winter Wren, 4; Carolina Wren, 123; Mockingbird, 7; Robin, 109; Eastern Bluebird, 70; Golden-crowned Kinglet, 18; Cedar Waxwing, 26; Loggerhead Shrike, 2; Starling, 1017; Myrtle Warbler, 9; House Sparrow, 1418; Eastern Meadowlark, 80; Red-winged Blackbird, 27; Rusty Blackbird, 12; Common Grackle, 65; Brown-headed Cowbird, 2; Cardinal, 355; Purple Finch, 1; Am. Goldfinch, 67; Rufous-sided Towhee, 2; Slate-colored Junco, 135; Tree Sparrow, 546; Field Sparrow, 4; White-crowned Sparrow, 2; White-throated Sparrow, 12; Swamp Sparrow, 13; Song Sparrow, 241; Lapland Longspur, 1. **Total,** 69 species; about 7151 individuals.—David F. Baker, Clarence F. Bateman, Harold Bolin, Donald J. Borror, Audrey H. Claugus, Cloyd A. Dawson, Robert G. Fankhauser, Fred Gehlbach, Frank A. Gilbert, William Gilbert, Paul E. Goff, Charles R. Goslin, Jack Hamlin, David Henderson, Edward E. Herrman, Irving Kassoy, Ernest Limes, Mr. and Mrs. Robert G. Maly, Harry D. Moore, Eugene H. Pierce, Edwin E. Postle, H. Granville Smith, Rodney Suthers, William D. Stull, Edward S. Thomas, Nelson P. Thomson, Milton B. Trautman (compiler), Walter A. Tucker, Nancy Young (Wheaton Club and guests).

261. Bucyrus, Ohio (all points within a 15-mile diameter circle, center same as in previous years; mixed deciduous woods 45%, wooded bottomlands 40%, cultivated fields 15%).—Dec. 28; 8 a.m. to 5 p.m. Cloudy, occasional rain; temp. 50° to 60°; winds S to W, 12 m.p.h.; ground bare. Three observers in 1 party. Total party-hours, 8 (7 on foot, 1 by car); total party-miles, 40 (15 on foot, 25 by car). ► Cooper's Hawk, 2; Red-tailed Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 1; Bobwhite, 20; Mourning Dove, 2; Screech Owl, 1; Great Horned Owl, 1; Yellow-shafted Flicker, 2; Red-bellied Woodpecker, 4; Red-headed Woodpecker, 11; Hairy Woodpecker, 1; Downy Woodpecker, 24; Horned Lark, 21; Blue Jay, 22; Black-capped Chickadee, 32; Tufted Titmouse, 42; White-breasted Nuthatch, 33; Brown Creeper, 3; Carolina Wren, 1; Robin, 5; Starling, 49; House Sparrow, 340; Eastern Meadowlark, 10; Cardinal, 69; Am. Goldfinch, 27; Slate-colored Junco, 36; Tree Sparrow, 38; Song Sparrow, 40; Snow Bunting, 50. **Total,** 31 species; about 890 individuals.—Carolyn Kuehnle, Judy Kuehnle, Paul Kuehnle (compiler).

262. Burton, Ohio (all points within a 15-mile diameter circle, center village square, including Punderson State Park, East Claridon Reservoir, Cuyahoga River Valley south to Welshfield; deciduous forest 25%, lakes and shore 25%, open field 20%, river valley 10%, urban 10%, evergreen forest 10%, 3 feeding stations).—Dec. 26; 7:30 a.m. to 5:30 p.m. Foggy with drizzle; temp. 39° to 43°; wind W, 0-5 m.p.h.; Cuyahoga River open, lakes and ponds frozen. Three observers in 2 parties. Total party-hours, 20 (10 on foot, 10 by car); total party-miles, 47 (7 on foot, 40 by car). ► Red-tailed Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 1; Red-bellied Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 7; Blue Jay, 10; Black-capped Chickadee, 17; Tufted Titmouse, 15; White-breasted Nuthatch, 11; Brown Creeper, 1; Robin, 1; Golden-crowned Kinglet, 2; Starling, 298; House Sparrow, 81; Cardinal, 17; Am. Goldfinch, 15; Slate-colored Junco, 1; Tree Sparrow, 69; Chipping Sparrow, 1. **Total,** 20 species; about 552 individuals. (Seen in area count period, but not on count day: Evening Grosbeak.)—Robert McCullough (compiler), Frank Samuel, Paul Smith.

263. Cadiz, Ohio (all points within a 15-mile diameter circle, centered to include count area of past 59 years; roadsides and creek banks 40%, deciduous woods and brushy hillsides 30%, town yards 15%, lake shores and pine groves 15%).—Dec. 26; 8 a.m. to 5:30 p.m. Heavy clouds, thick mists; temp. 46° to

58°; wind S, 0-5 m.p.h.; ground water-soaked, streams and lake open. Nine observers in 2 parties. Total party-hours, 17 (11 on foot, 6 by car); total party-miles, 116 (6 on foot, 110 by car). ► Great Blue Heron, 4; Mallard, 4; Black Duck, 24; Lesser Scaup, 6; Sharp-shinned Hawk, 1; Red-tailed Hawk, 5; Sparrow Hawk, 5; Ruffed Grouse, 2; Bobwhite, 18; Killdeer, 5; Herring Gull, 15; Ring-billed Gull, 36; Mourning Dove, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 2; Pileated Woodpecker, 2; Red-bellied Woodpecker, 3; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 8; Blue Jay, 6; Common Crow, 9; Carolina Chickadee, 46; Tufted Titmouse, 4; White-breasted Nuthatch, 9; Brown Creeper, 1; Carolina Wren, 7; Mockingbird, 1; Robin, 27; Eastern Bluebird, 5; Starling, 455; House Sparrow, 107; Eastern Meadowlark, 43; Cardinal, 36; Am. Goldfinch, 5; Rufous-sided Towhee, 1; Savannah Sparrow, 3; Slate-colored Junco, 14; Tree Sparrow, 25; Song Sparrow, 15. **Total,** 41 species; about 967 individuals. (Seen in area count period, but not on count day: Redwinged Blackbird, Brown-headed Cowbird.) —Mary R. Ford, Tom Ford, Harold Haverfield, Raymond Reed, Sara Reed, L. Milton Ronsheim, Clara C. Worley, David E. Worley, John G. Worley (compiler).

264. Cincinnati, Ohio (all points within a 15-mile diameter circle, center at Mt. Carmel as in previous 12 years).—Dec. 27; 7 a.m. to 5:30 p.m. Cloudy to clear; temp. 53° to 66°; wind S, 5-11 m.p.h.; ponds and streams open. Seventy observers in 8 parties. Total party-hours, 138 (109 on foot, 25 by car, 4 by boat); total party-miles, 463 (132 on foot, 315 by car, 16 by boat). ► Pied-billed Grebe, 5; Great Blue Heron, 8; Mallard, 19; Black Duck, 70; Gadwall, 5; Green-winged Teal, 1; Blue-winged Teal, 2; Ring-necked Duck, 2; Lesser Scaup, 3; Bufflehead, 3; Hooded Merganser, 11; Red-breasted Merganser, 2; Turkey Vulture, 1; Sharp-shinned Hawk, 2; Cooper's Hawk, 9; Red-tailed Hawk, 24; Red-shouldered Hawk, 12; Marsh Hawk, 3; Sparrow Hawk, 24; Bobwhite, 240; Killdeer, 23; Common Snipe, 1; Ring-billed Gull, 1; Mourning Dove, 996; Barn Owl, 4; Screech Owl, 1; Great Horned Owl, 1; Barred Owl, 9; Long-eared Owl, 1; Belted Kingfisher, 20; Yellow-shafted Flicker, 146; Red-bellied Woodpecker, 188; Red-headed Woodpecker, 3; Yellow-bellied Sapsucker, 12; Hairy Woodpecker, 34; Downy Woodpecker, 380; Horned Lark, 101; Blue Jay, 142; Common Crow, 437; Carolina Chickadee, 874; Tufted Titmouse, 552; White-breasted Nuthatch, 9; Red-breasted Nuthatch, 1; Brown Creeper, 32; **House Wren,** 1; Winter Wren, 3; Carolina Wren, 479; Mockingbird, 74; Brown Thrasher, 1; Robin, 527; Hermit Thrush, 1; Eastern Bluebird, 197; Golden-crowned Kinglet, 21; Ruby-crowned Kinglet, 9; Water Pipit, 5; Cedar Waxwing, 224; Starling, 1628; Myrtle Warbler, 66; House Sparrow, 1842; Eastern Meadowlark, 99; Redwinged Blackbird, 112; Rusty Blackbird, 154; Common Grackle, 291; Brown-headed Cowbird, 85; Cardinal, 1159; Purple Finch, 7; Pine Siskin, 1; Am. Goldfinch, 380; Rufous-sided Towhee, 24; Savannah Sparrow, 3; Vesper Sparrow, 3; Slate-colored Junco, 378; Tree Sparrow, 347; Chipping Sparrow, 4; Field Sparrow, 15; White-crowned Sparrow, 39; White-throated Sparrow, 117; Swamp Sparrow, 32; Song Sparrow, 605; Lapland Longspur, 15. **Total,** 80 species; about 13,362 individuals. (Seen in area count period, but not on count day: **Ring-necked Pheasant,** Eastern Phoebe.)—Jim Anderson, Ron Austing, W. Baumann, Tom Becker, Helen and Louise Brinkmann, Elizabeth Brockschlager, Francis and Ralph Carpenter, Austil and Peg Chambers, Cecil Chambers, Mr. and Mrs. R. R. Deupree, Jr., Ed Fairchild, Paul Feist, Harrison Field, E. Pershing and Martin Floyd, Paula Hansley, Frank and Willis Harbaum, David and Paul Hellmann, Joe Higgins, Myron Johnson, Jr., Ed Johnstone, John and Tom Kemp, Emerson Kemsies, Albert Lane, Karl and Peter Maslowski, Jack McMillin, Eleanor Morrison, Frank Neuffer, Chuck Osmond, Grace Paull, Warren Parks, Worth Randle, L. Reeves, Harry Roach, Noell and Stanley Rowe, Stanley Rowe, Jr., Lester and Shirley Schmalz, Hal and Nan Shapiro, Jay Sheppard, Jay Shetterly, Bob Siegel, Sven Sjodahl (compiler), Ada, Bernice and Hester Stephenson, Herschel Stone, Gil Symons, J. W. Taylor, Jim and Sophie Upson, Dick Watkins, Bill Wagner, Virginia Watts, Paul Woodward, Sandra Woodward, Jean Wright, H. and P. Wunker (Cincinnati Bird Club and friends).

265. Cleveland, Ohio (all points within a 15-mile diameter circle, center on Chardon Road ½ mile west of intersection of Rts. 175 and 6, including Shaker Lakes, Gates Mills Village, North Chagrin Reservation, Lake Erie shore from E. 72nd St. to Eastlake; beech-maple climax forest 20%, open fields or parks 15%, swamps 5%, suburbs 45%, lake shore 15%).—Dec. 27; 7:30 a.m. to 5:30 p.m. Foggy, clear p.m.; temp. 50° to 62°; wind SSE, 6-8 m.p.h.; ground clear, water open. Thirty-six observers in 18 parties. Total party-hours, 103 (54 on foot, by car); total party-miles, 492 (73 on foot, 419 by car). ► Great Blue Heron, 1; Canada Goose, 250; Snow Goose, 1; Mallard, 228; Black Duck, 185; Canvasback, 8; Lesser Scaup, 22; Common Goldeneye, 29; Hooded Merganser, 2; Red-breasted Merganser, 3; Cooper's Hawk, 1; Red-tailed Hawk, 7; Red-shouldered Hawk, 2; Sparrow Hawk, 5; Ruffed Grouse, 2; Am. Coot, 1; Herring Gull, 2326; Ring-billed Gull, 2991; Bonaparte's Gull, 1176; Mourning Dove, 39; Screech Owl, 1; Great Horned Owl, 2; Barred Owl, 1; Belted Kingfisher, 7; Yellow-shafted Flicker, 2; Pileated Woodpecker, 12; Red-bellied Woodpecker, 8; Hairy Woodpecker, 44; Downy Woodpecker, 114; Horned Lark, 1; Blue Jay, 181; Common Crow, 13; Black-capped Chickadee, 363; Tufted Titmouse, 139; White-breasted Nuthatch, 162; Brown Creeper, 7; Winter Wren, 2; Carolina Wren, 16; Robin, 9; Hermit Thrush, 1; Golden-crowned Kinglet, 3; Cedar Waxwing, 11; Northern Shrike, 1; Starling, 857; House Sparrow, 585; Eastern Meadowlark, 1; Brown-headed Cowbird, 1; Cardinal, 205; Evening Grosbeak, 35; Purple Finch, 1; Common Redpoll, 96; Am. Goldfinch, 136; Rufous-sided Towhee, 2; **Savannah Sparrow,** 1 (at feeder since Dec. 7); Slate-colored Junco, 194; Tree Sparrow, 239; **Chipping Sparrow,** 12

(carefully identified); White-throated Sparrow, 14; Song Sparrow, 47; Snow Bunting, 4. **Total,** 60 species; about 10,809 individuals. (Seen in area count period, but not on count day: Surf Scoter.)—Jon Ahlquist, L. P. Barbour, Howard Blakeslee, Mrs. R. V. D. Booth, Joe Bush, Vera Carrothers, John Davidson, Georgianna Davidson, Annette Flanigan, J. N. Henderson, Nancy Klamm, W. A. Klamm, C. H. Knight, Michael Lister, David McConoughey, Frank McConoughey, David McKelvey, Martha Minns, Marjorie Ramisch (compiler), Bertram Raynes, Margaret Raynes, M. H. Sherwin, Paul Smith, Mike Stasko (Kirtland Bird Club and others).

266. Columbus, Ohio (all points within a 15-mile diameter circle, center near Fifth and Cassady Aves. as last 5 years; town suburbs 32%, farmland 31%, woodland 17%, wooded stream banks 17%, open grove 3%).—Jan. 3; 7:30 a.m. to 5 p.m. Cloudy, snow flurries; temp. 30° to 33°; wind W to NW, 12-23 m.p.h.; ground bare, ponds and streams open. Forty-two observers in 15 parties. Total party-hours, 98 (80 on foot, 18 by car); total party-miles, 254 (85 on foot, 169 by car). ► Great Blue Heron, 2; Mallard, 150; Black Duck, 261; **Pintail, 1**; Am. Widgeon, 3; **Ring-necked Duck, 1**; Canvasback, 4; Common Goldeneye, 31; **Bufflehead, 1**; **Hooded Merganser, 1**; Cooper's Hawk, 4; Red-tailed Hawk, 14; Red-shouldered Hawk, 7; Marsh Hawk, 1; Sparrow Hawk, 35; Bobwhite, 49; Ring-necked Pheasant, 33; Herring Gull, 2; Ring-billed Gull, 1; Mourning Dove, 296; Barn Owl, 2; Screech Owl, 4; Great Horned Owl, 2; Barred Owl, 6; Belted Kingfisher, 9; Yellow-shafted Flicker, 42; Pileated Woodpecker, 2; Red-bellied Woodpecker, 15; Red-headed Woodpecker, 3; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 20; Downy Woodpecker, 175; Horned Lark, 1; Blue Jay, 68; Common Crow, 787; **Black-capped Chickadee, 23**; Carolina Chickadee, **304**; Tufted Titmouse, 208; White-breasted Nuthatch, 116; Red-breasted Nuthatch, **17**; Brown Creeper, **65**; Winter Wren, 7; Carolina Wren, 40; Mockingbird, 8; **Catbird, 2**; **Brown Thrasher,** 1; Robin, 26; Eastern Bluebird, **48**; Golden-crowned Kinglet, 22; **Ruby-crowned Kinglet, 1**; Cedar Waxwing, 8; Starling, 503; Myrtle Warbler, 1; House Sparrow, 1117; Eastern Meadowlark, 2; Cardinal, 282; Pine Siskin, 2; Am. Goldfinch, 64; Rufous-sided Towhee, 1; Slate-colored Junco, 235; **Oregon Junco,** 1; Tree Sparrow, 200; **White-crowned Sparrow, 5**; **White-throated Sparrow, 5**; Fox Sparrow, 1; Song Sparrow, 96. **Total,** 66 species; about 5445 individuals. (Seen in area count period, but not on count day: Green-winged Teal.)—David F. Baker, Mrs. Robert Boehnke, Harold F. Bolin, Donald J. Borror, Harold E. Burtt, Audrey H. Claugus, Cloyd A. Dawson, Robert G. Fankhauser, W. Todd Furniss, Gareth E. Gilbert, Paul E. Goff, David Henderson, Mrs. James M. Hengst, W. Kelton Jones, Irving Kassoy, Mr. and Mrs. Arthur S. Kiefer, Mr. and Mrs. Harry I. Kohler, Mason Lightman, Ernest Limes, Mr. and Mrs. Robert G. Maly, Mrs. M. C. Markham, Hugh J. Means, Harry D. Moore, Mr. and Mrs. Bruce Norton, Mr. and Mrs. E. F. Reichelderfer, Irvin B. Rickly, Mr. and Mrs. Henry W. Schuer, H. Granville Smith, Eugene R. Sonnenberg, John S. Thomas, Mr. and Mrs. Edward S. Thomas (compilers), Tom Thomson, Milton B. Trautman, Mr. and Mrs. Walter A. Tucker (Columbus Audubon Society).

267. Cuyahoga Falls, Ohio (all points within a 15-mile diameter circle, center on the square of Cuyahoga Falls as last year; deciduous woods 45%, lakes and lakeshores 21%, valley of Cuyahoga River 20%, fields and farmlands 10%, college campus, golf course, parkland 2%, swamps 2%, 2 feeding stations).—Jan. 2; 7:45 a.m. to 5 p.m. Light drizzle from mid-morning till dusk; temp. 28° to 40°; wind SW, 3-7 m.p.h.; water open, no snow. Twenty-six observers in 15 parties. Total party-hours, 78 (57 on foot, 21 by car); total party-miles, 330 (76 on foot, 254 by car). ► Pied-billed Grebe, 7; Mallard, 474; Black Duck, 616; Pintail, 2; Ring-necked Duck, 29; Lesser Scaup, 12; Common Goldeneye, 75; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 4; Marsh Hawk, 1; Sparrow Hawk, 10; Ruffed Grouse, 1; Ring-necked Pheasant, 21; **Common Gallinule, 2** (present Dec. 30 thru Jan. 10, all field marks—E.L.S.); Am. Coot, 17; Herring Gull, 1; Ring-billed Gull, 2; Mourning Dove, 24; Belted Kingfisher, 3; Yellow-shafted Flicker, 8; Red-bellied Woodpecker, 1; Hairy Woodpecker, 22; Downy Woodpecker, 99; Horned Lark, 54; Blue Jay, 128; Common Crow, 21; Black-capped Chickadee, 229; Tufted Titmouse, 92; White-breasted Nuthatch, 86; Red-breasted Nuthatch, 12; Brown Creeper, 10; Carolina Wren, 6; Brown Thrasher, 1; Robin, 143; Eastern Bluebird, 1; Golden-crowned Kinglet, 13; Cedar Waxwing, 200; Starling, 480; House Sparrow, 782; Cardinal, 172; Am. Goldfinch, 40; Rufous-sided Towhee, 1; Slate-colored Junco, 203; Tree Sparrow, 311; Field Sparrow, 2; Swamp Sparrow, 2; Song Sparrow, 66. **Total,** 49 species; about 4490 individuals. (Seen in area count period, but not on count day: Gadwall, Am. Widgeon, Redhead, Ruddy Duck, Common Merganser, Barred Owl, Redwinged Blackbird, Pine Siskin.)—Robert L. Campana, Catherine Craig, Lelah E. Culler, David DeSante, Ibanda Ganyard, Carlen Gibbs, Mary Gibson, Mrs. R. J. Glassner, Kenneth A. Gluck, Neil Henderson, Mrs. Frank I. Humiston, Mrs. Donato Internoscia, Charles H. Knight, Evelyn Lawrence, Mrs. R. E. Meiser, Mrs. Mary Petticord, Mrs. Z. R. Prentiss, Mrs. C. W. Reeder, Mrs. Richard Rymer, Emmett L. Shellenberger (compiler), Lulu Smith, Mr. and Mrs. Fred Staiger, Erica Stux, Mr. and Mrs. George O. Wiley (Cuyahoga Falls Audubon Club).

268. Dayton, Ohio (all points within a 15-mile diameter circle, center at Forest Park, including Taylorville Dam, Aullwood Audubon Center, Madden Park, Woodland Cemetery, Englewood Dam, Huffman Dam, Stillwater, Miami River, Mad River).—Dec. 27; 7 a.m. to 6 p.m. Clear; temp. 47° to 64°; wind SW, 0-10 m.p.h.; no ice on lakes. Thirty-two observers in 10 parties. Total party-hours, 69 (55 on foot, 14 by car); total party-miles, 147 (47 on foot, 100 by car). ► Great Blue Heron, 2; Black-crowned Night Heron, 6; Mallard, 6; Black Duck, 15; Pintail, 2; goldeneye, 1 (hybrid); Cooper's Hawk, 2; Red-tailed Hawk, 6; Red-shouldered Hawk, 14; **Broad-**

winged **Hawk, 1** (probably crippled); Rough-legged Hawk, 3; Sparrow Hawk, 27; Bobwhite, 69; Ring-necked Pheasant, 19; Killdeer, 4; Mourning Dove, 339; Barn Owl, 3; Great Horned Owl, 1; Belted Kingfisher, 10; Yellow-shafted Flicker, 13; Red-bellied Woodpecker, 8; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 8; Downy Woodpecker, 110; Horned Lark, 2; Blue Jay, 30; Common Crow, 4000 (roost); Black-capped Chickadee, 17; Carolina Chickadee, 244; Tufted Titmouse, 108; White-breasted Nuthatch, 41; Red-breasted Nuthatch, 2; Brown Creeper, 37; **House Wren, 1** (close range at feeder); Winter Wren, 4; Carolina Wren, 71; Mockingbird, 20; Robin, 100; Eastern Bluebird, 7; Golden-crowned Kinglet, 16; Cedar Waxwing, 11; Starling, 40,000 (roost); House Sparrow, 954; Eastern Meadowlark, **53**; Common Grackle, 2; Cardinal, 217; Purple Finch, 9; Am. Goldfinch, 29; Rufous-sided Towhee, 5; Vesper Sparrow, 1; Slate-colored Junco, 292; Tree Sparrow, 146; Field Sparrow, 24; **Harris' Sparrow, 1** (at feeder—H.S.); White-crowned Sparrow, 27; White-throated Sparrow, 5; Song Sparrow, 158. **Total,** 57 species (1 additional hybrid); about 47,307 individuals.—Mervil Anthony, Elizabeth Argast, Marie Aull, Ben Blincoe (compiler), Edith Blincoe, C. Breish, Alex Culbertson, Mary Caldwell, Jack Confer, Leonard Confer, Mary Confer, Armand Dibble, Emma Dibble, Catherine Hadeler, Carl Horst, Walter Horst, Carolyn Hall, Norma Hime, Paul Knoop, Dick Koepnick, Dorothy Richards, Everett Richards, Dorothy Somers, Ruth Seibert, Bee Shinkle, Herbert Shinkle, Fred Stoner, Ralph Wells, Betty Williams, Bob Williams.

269. Delaware, Ohio (all points within a 15-mile diameter circle, center near Marlboro Church at Delaware Reservoir as in last 4 years).—Dec. 30; 8:10 a.m. to 5 p.m. Overcast, snow flurries; temp. 28° to 34°; wind W, 10-15 m.p.h.; trace of snow on ground, water open. Eight observers in 3 parties. Total party-hours, 25 (22 on foot, 3 by car); total party-miles, 50 (36 on foot, 14 by car). ► Great Blue Heron, 2; Mallard, 6; Black Duck, 25; Common Goldeneye, 15; Common Merganser, 23; Red-shouldered Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 2; Killdeer, 2; Ring-billed Gull, 1; Mourning Dove, 13; Barn Owl, 1; Barred Owl, 1; Short-eared Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 2; Hairy Woodpecker, 4; Downy Woodpecker, 29; Horned Lark, 11; Blue Jay, 31; Black-capped Chickadee, 15; Carolina Chickadee, 92; Tufted Titmouse, 50; White-breasted Nuthatch, 22; Brown Creeper, 6; Carolina Wren, 3; Robin, 10; Golden-crowned Kinglet, 2; Starling, 12; Eastern Meadowlark, 1; Redwinged Blackbird, 38; Rusty Blackbird, 16; Cardinal, 70; Am. Goldfinch, 43; Slate-colored Junco, 12; Tree Sparrow, 794; Song Sparrow, 108. **Total,** 38 species; about 1469 individuals.—A. S. Bradshaw, Robert Harter, J. Herrold Lancaster, J. Gordon Ogden, Leonard Russell, Elisabeth Ann Stull, William D. Stull, Roderick A. Suthers (compiler).

270. Elyria–Lorain, Ohio (all points wtihin a 15-mile diameter circle, center south of Lorain and west of Elyria at intersection of West Ridge and Stang Roads; Lake Erie shore from Sunnyside Beach to Sheffield Lake Village park; perimeter passes through North Ridgeville, Henrietta, Oberlin, south of La-Porte).—Dec. 27; 8 a.m. to 5 p.m. Light rain a.m., clearing; temp. 50° to 62°; wind SE, 12 m.p.h.; Lake Erie free of ice, small ponds mostly frozen. Eighteen observers in 6 parties. Total party-hours, 45 (10 on foot, 35 by car); total party-miles, 265 (15 on foot, 250 by car). ► Pied-billed Grebe, 1; Mallard, 17; Black Duck, 4; Common Goldeneye, 337; Hooded Merganser, 1; Common Merganser, 1; Red-breasted Merganser, 1; duck (sp.), 100; Cooper's Hawk, 1; Red-tailed Hawk, 3; Rough-legged Hawk, 1; buteo (sp.), 2; Marsh Hawk, 1; Sparrow Hawk, 9; Killdeer, 1; Herring Gull, 371; Ring-billed Gull, 4943; Bonaparte's Gull, 3; gull (sp.), 475; Mourning Dove, **144**; Screech Owl, 1; Hairy Woodpecker, 7; Downy Woodpecker, 35; Horned Lark, 7; Blue Jay, 126; Common Crow, 478; Black-capped Chickadee, **101**; Tufted Titmouse, 27; White-breasted Nuthatch, 31; Red-breasted Nuthatch, 1; Brown Creeper, 1; Carolina Wren, 7; Robin, 4; Starling, 1651; House Sparrow, 980; Eastern Meadowlark, 11; Common Grackle, 2; Brown-headed Cowbird, 1; Cardinal, **235**; Am. Goldfinch, 10; **Savannah Sparrow, 4**; Slate-colored Junco, 187; Tree Sparrow, 136; Field Sparrow, 4; Song Sparrow, 25. **Total,** 42 species; about 10,488 individuals. (Seen in area count period, but not on count day: Greater Scaup, Lesser Scaup, Bufflehead, White-winged Scoter, Bobwhite, Cedar Waxwing.)—Ruth Amato, Jane Davies, Janice Johnson, Perry F. Johnson (compiler), Dale C. Kellogg, James Kimball, Mrs. William Kraps, Mrs. W. H. Lance, Robert Morse, Mrs. Esther Sayles, Elizabeth and Gertrude Yoder.

271. Gypsum, Ohio (all points within a 15-mile diameter circle, center Gypsum, including Castalia, Marblehead Peninsula, Sandusky Bay; open fields 25%, lake shore 10%, mixed deciduous and coniferous woods 20%, frozen marsh with small areas of open water 45%).—Jan. 1; 8 a.m. to 5 p.m. Partly cloudy; temp. 18° to 33°; wind S, 10-15 m.p.h. Eleven observers in 4 parties. Total party-hours, 9 (2 on foot, 7 by car); total party-miles, 140 (5 on foot, 135 by car). ► Great Blue Heron, 3; Whistling Swan, 2; Canada Goose, 493; Mallard, **25,035**; Black Duck, 16,715; Gadwall, 20; Pintail, 39; Am. Widgeon, 73; Shoveler, 15; Wood Duck, 1; Ring-necked Duck, 5; Canvasback, 105; Lesser Scaup, 3; Common Goldeneye, 176; Bufflehead, 83; Common Merganser, 2500; Cooper's Hawk, 4; Red-tailed Hawk, 12; Rough-legged Hawk, 8; Bald Eagle, 7; Marsh Hawk, 2; Sparrow Hawk, 11; Bobwhite, 8; Ring-necked Pheasant, 221; Turkey, 16 (introduced); Am. Coot, 1; Common Snipe, 1; Great Black-backed Gull, 5; Herring Gull, 385; Ring-billed Gull, 2317; Bonaparte's Gull, 83; Mourning Dove, 247; Barn Owl, 2; Screech Owl, 4; Great Horned Owl, 2; Belted Kingfisher, 2; Yellow-shafted Flicker, 5; Downy Woodpecker, 27; Horned Lark, 43; Blue Jay, 14; Common Crow, 3; Black-capped Chickadee, 15; Tufted Titmouse, 10; White-breasted Nuthatch, 11; Red-breasted Nuthatch, 1; Brown Creeper, 7; Carolina Wren, 3; Robin, 19; Golden-crowned Kinglet, 4; Cedar Waxwing, 9; Starling, 533; Myrtle Warbler, 1; House

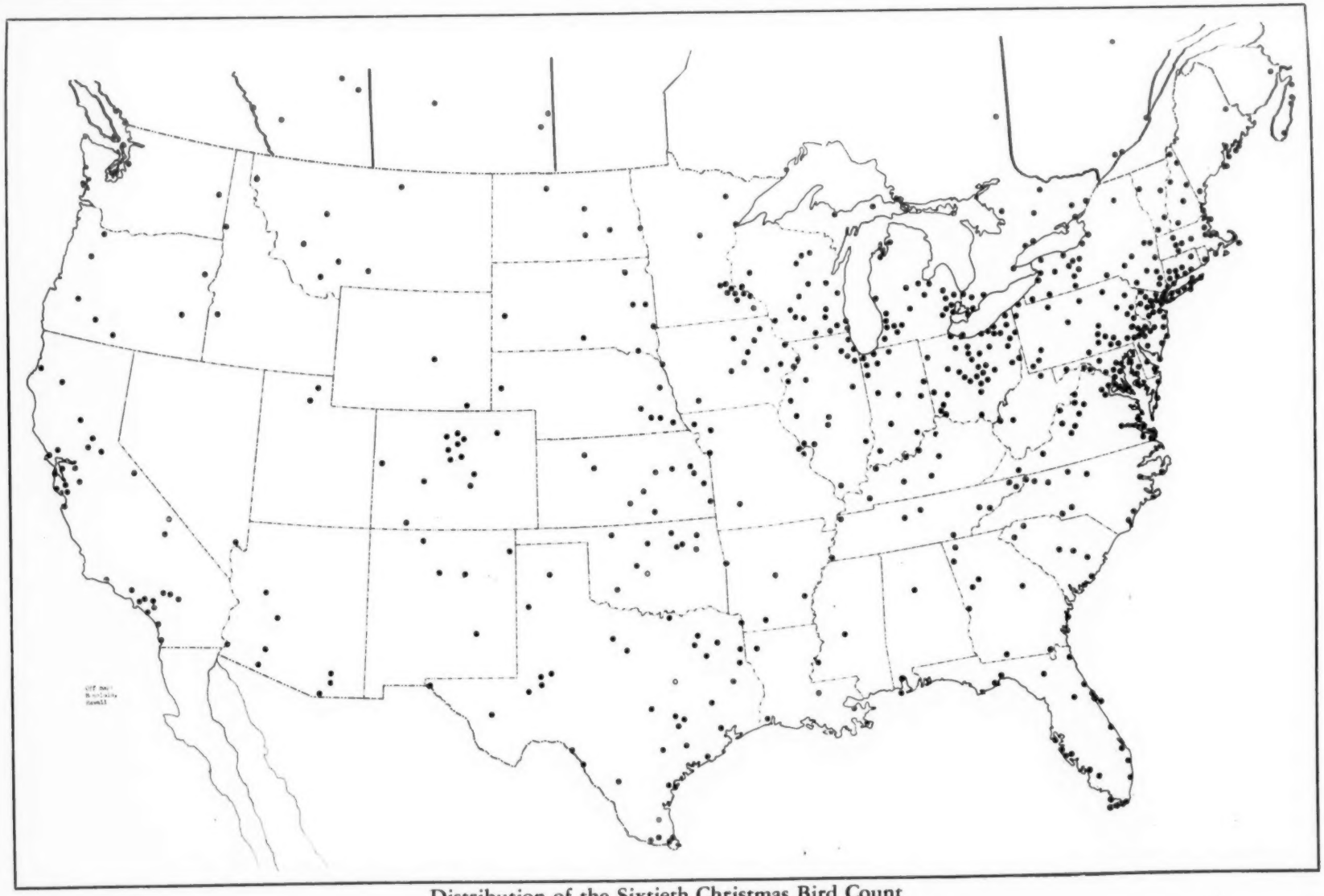
Sparrow, 1165; Eastern Meadowlark, **119**; Brown-headed Cowbird, 9; Cardinal, 87; Purple Finch, 3; Common Redpoll, 12; Am. Goldfinch, 13; Slate-colored Junco, 158; Tree Sparrow, 205; White-crowned Sparrow, 3; White-throated Sparrow, 4; Swamp Sparrow, 7; Song Sparrow, 17; Lapland Longspur, 1; Snow Bunting, 125. **Total,** 67 species; about 51,239 individuals. (Seen in area count period but not on count day: Common Scoter, Hooded Merganser, Mockingbird, Field Sparrow.)—Miriam Bell, James Bruce, Bob Crofts (compiler), LaRue Maurer, Myrtle Sarver, Jerry Scott, Roger Troutman, Laurel Van Camp, Gene Walston, Beatrice Waterbury, Loren White.

272. Hamilton, Ohio (all points within a 15-mile diameter circle, center as in past 41 years).—Dec. 26; 8 a.m. to 5 p.m. Rainy; temp. 50° to 54°; wind 6 m.p.h. Two observers in 1 party. Total party-hours, 9 (5 on foot, 4 by car); total party-miles, 40 (8 on foot, 32 by car). ► Great Blue Heron, 1; Black Duck, 2; Cooper's Hawk, 3; Red-tailed Hawk, 6; Red-shouldered Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 11; Common Snipe, 2; Mourning Dove, 265; Barn Owl, 2; Belted Kingfisher, 2; Yellow-shafted Flicker, 16; Red-bellied Woodpecker, 6; Hairy Woodpecker, 2; Downy Woodpecker, 18; Horned Lark, 26; Blue Jay, 6; Common Crow, 126; Carolina Chickadee, 32; Tufted Titmouse, 24; White-breasted Nuthatch, 2; Brown Creeper, 9; Carolina Wren, 12; Mockingbird, 5; Robin, 3; Starling, 455; Myrtle Warbler, 3; House Sparrow, 366; Eastern Meadowlark, 36; Common Grackle, 1; Cardinal, 48; Am. Goldfinch, 41; Slate-colored Junco, 77; Tree Sparrow, 310; White-crowned Sparrow, 2; White-throated Sparrow, 4; Song Sparrow, 274. **Total,** 37 species; about 2200 individuals.—Frank Harbaum (compiler), Willis Harbaum.

273. Hoover Reservoir, Ohio (all points within a 15-mile diameter circle, center along Big Walnut Creek 7½ miles north of Route 161, including Hoover Reservoir and Alum Creek; water and shore 50%, farmland 25%, woodland 25%).—Dec. 23; 8:30 a.m. to 5 p.m. Overcast, clearing p.m.; temp. 22° to 28°; wind NE, 10-15 m.p.h. Two observers in 1 party. Total party-hours, 8½ (4 on foot, 4½ by car); total party-miles, 88 (12 on foot, 76 by car). ► Canada Goose, 139; Mallard, 11; Black Duck, 494; Am. Widgeon, 1; Common Goldeneye, 1; Common Merganser, 3; Cooper's Hawk, 3; Red-tailed Hawk, 9; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 11; Bobwhite, 2; Ring-necked Pheasant, 10; Killdeer, 4; **Dunlin, 2** [no details—Ed.]; Herring Gull, 6; Ring-billed Gull, 1; Mourning Dove, 72; Screech Owl, 1; Barred Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 7; Pileated Woodpecker, 2; Red-bellied Woodpecker, 3; Hairy Woodpecker, 1; Downy Woodpecker, 14; Horned Lark, 5; Blue Jay, 18; Common Crow, 2; Carolina Chickadee, 28; Tufted Titmouse, 11; White-breasted Nuthatch, 22; Brown Creeper, 6; Winter Wren, 1; Carolina Wren, 6; Mockingbird, 3; Golden-crowned Kinglet, 7; Loggerhead Shrike, 1; Starling, 117; House Sparrow, 135; Eastern Meadowlark, 15; Cardinal, 73; Am. Goldfinch, 7; Slate-colored Junco, 45; Tree Sparrow, **813**; Song Sparrow, **119**. **Total,** 47 species; about 2238 individuals.—Ernie Limes, Tom Thomson (compiler).

274. Indian Lake, Ohio (all points within a 15-mile diameter circle, center about 1 mile north of Lakeview; observations concentrated within 2 miles of center and most important habitat areas within circle).—Jan. 2; 7:30 a.m. to 4:30 p.m. Fog at dawn, low overcast; temp. 28° to 38°; wind S to W, 0-20 m.p.h.; ground bare, water open. Two observers in 1 party. Total party-hours, 9 (2 on foot, 7 by car); total party-miles, 105 (2 on foot, 103 by car). ► Mallard, 1200; Black Duck, 1500; Common Goldeneye, 12; Bufflehead, 1; Red-tailed Hawk, 4; Red-shouldered Hawk, 2; Rough-legged Hawk, 2; Marsh Hawk, 1; Herring Gull, 117; Ring-billed Gull, 43; Barred Owl, 1; Belted Kingfisher, 2; Red-bellied Woodpecker, 5; Hairy Woodpecker, 5; Downy Woodpecker, 22; Horned Lark, 73; Blue Jay, 18; Carolina Chickadee, 9; Tufted Titmouse, 23; White-breasted Nuthatch, 25; Brown Creeper, 7; Carolina Wren, 2; Mockingbird, 1; Robin, 1; Golden-crowned Kinglet, 10; Starling, 176; House Sparrow, 320; Eastern Meadowlark, 1; Redwinged Blackbird, 13; Common Grackle, 1; Cardinal, 26; Slate-colored Junco, 5; Tree Sparrow, 18; Song Sparrow, 13; Lapland Longspur, **415**. **Total,** 35 species; about 4074 individuals.—A. H. Claugus, Ernie Limes (compiler).

275. Lakewood, Ohio (all points within a 15-mile diameter circle, center 2 miles west of southwestern corner of Lakewood as in previous years; suburban areas 50%, metropolitan parks 35%, farm areas 10%, lake front 5%).—Jan. 3; 7:45 a.m. to 5:30 p.m. Overcast, light snow flurries; temp. 33° to 35°; wind W, 10-20 m.p.h.; all water open. Twenty-eight observers in 16 parties. Total party-hours, 72 (67 on foot, 5 by car); total party-miles, 193 (46 on foot, 147 by car). ► Mallard, 93; Black Duck, 2; Greater Scaup, 650; Lesser Scaup, 2000; Common Goldeneye, 300; Bufflehead, 6; Oldsquaw, 1; **King Eider, 1** (1-3 present since early Dec.); Ruddy Duck, 33; Common Merganser, 2; Cooper's Hawk, 2; Red-tailed Hawk, 3; Red-shouldered Hawk, 3; Marsh Hawk, 1; Sparrow Hawk, 9; Bobwhite, 1; Ring-necked Pheasant, 13; Am. Coot, 1; Herring Gull, 450; Ring-billed Gull, 295; Bonaparte's Gull, 587; Mourning Dove, 23; **Screech Owl, 1**; Great Horned Owl, 4; Barred Owl, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 1; Red-headed Woodpecker, **12**; Hairy Woodpecker, 11; Downy Woodpecker, 84; Blue Jay, 145; Common Crow, 46; Black-capped Chickadee, 179; Tufted Titmouse, 71; White-breasted Nuthatch, 64; Red-breasted Nuthatch, 3; Brown Creeper, 5; Winter Wren, 5; Carolina Wren, 16; **Brown Thrasher, 1**; Robin, 42; Golden-crowned Kinglet, 12; Ruby-crowned Kinglet, 2; Cedar Waxwing, **190**; Starling, 910; House Sparrow, 1209; Brown-headed Cowbird, 1; Cardinal, 162; Purple Finch, 3; Common Redpoll, 8; Am. Goldfinch, 34; Rufous-sided Towhee, 1; Slate-colored Junco, 197; Tree Sparrow, 104; Field Sparrow, 4; **Harris' Sparrow, 1** (at feeder for week); White-crowned Sparrow, 1; White-throated Sparrow, **9**; Fox Sparrow, 1;



Distribution of the Sixtieth Christmas Bird Count

Song Sparrow, 49; Snow Bunting, 1. **Total,** 61 species; about 8069 individuals. (Seen in area count period, but not on count day: Rough-legged Hawk, Redwinged Blackbird, Evening Grosbeak.)—Craig Annear, Paul R. Annear, Mrs. J. D. Appleyard, Carl A. Baier, Mrs. Howard Beauchamp, Mr. and Mrs. Donald N. Berendsen, Edna Black, Mrs. L. G. Chambers, Myron Owen Davies (compiler), Donald S. Dean, Florence Gray, Sue Grossen, Kathleen Howard, Mr. and Mrs. William A. Klamm, Isobel Klasek, Charles Koch, Henry N. Merkle, Margaret Pfaffmann, H. S. Rudge, Albert L. Sauer, Walter Schuele, Edward F. Schuster, Marian P. Schutler, Mike Stasko, Mrs. Paul Ullmann, Daniel F. Waugh.

276. Lancaster, Ohio (all points within a 15-mile diameter circle, center at Broad and Main Sts.; approximately same route as previous 34 years; farmland 15%, deciduous woods 35%, stream banks 15%, city suburbs 35%).—Jan. 1; 7:40 a.m. to 5:25 p.m. Clear; temp. 22° to 34°; wind N to E, 5 m.p.h.; some snow on shaded slopes, skim ice on ponds, streams open. Three observers in 2 parties. Total party-hours, 15 (all on foot); total party-miles, 20 (all on foot). ► Cooper's Hawk, 1; Red-tailed Hawk, 1; Sparrow Hawk, 1; Killdeer, 2; Mourning Dove, 27; Barred Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 5; Pileated Woodpecker, 3; Red-bellied Woodpecker, 8; Hairy Woodpecker, 5; Downy Woodpecker, 43; Horned Lark, 2; Blue Jay, 34; Carolina Chickadee, 64; Tufted Titmouse, 73; White-breasted Nuthatch, 31; Brown Creeper, 5; Winter Wren, 1; Carolina Wren, 30; Mockingbird, 2; Robin, 14; Eastern Bluebird, 13; Golden-crowned Kinglet, 5; Cedar Waxwing, 2; Starling, 158; Myrtle Warbler, 3; House Sparrow, 238; Cardinal, 95; Am. Goldfinch, 5; Rufous-sided Towhee, 3; Slate-colored Junco, 124; Tree Sparrow, 139; White-throated Sparrow, 8; Song Sparrow, 75. **Total,** 35 species; about 1223 individuals.—Florence Branum, Charles R. Goslin (compiler), Delbert Nutter.

277. Mansfield, Ohio (all points within a 15-mile diameter circle, center 10 miles southeast of Mansfield at Malabar Farm, home of Louis Bromfield, deceased). —Dec. 30; 8:30 a.m. to 4:30 p.m. Overcast; temp. 28° to 32°; wind SW, 4 m.p.h. Six observers in 1-2 parties. Total party-hours, 12 (9 on foot, 3 by car); total party-miles, 32 (4 on foot, 28 by car). ► Mourning Dove, 19; Belted Kingfisher, 1; Pileated Woodpecker, 2; Red-bellied Woodpecker, 6; Hairy Woodpecker, 3; Downy Woodpecker, 13; Blue Jay, 6; Black-capped Chickadee, 14; Tufted Titmouse, 9; White-breasted Nuthatch, 11; Carolina Wren, 3; Eastern Bluebird, 7; Golden-crowned Kinglet, 3; Starling, 26; House Sparrow, 300; Cardinal, 22; Am. Goldfinch, 5; Slate-colored Junco, 26; Tree Sparrow, 35; Song Sparrow, 7. **Total,** 20 species; about 518 individuals.—Lloyd S. Barr (compiler), Mrs. William Collins, Nancy Collins, Helen and Ruth Lindbeck, Edith Stucky (Mansfield Nature Club).

278. Mohican State Forest, Ohio (all points within a 15-mile diameter circle, center about ½ mile north of Oak Grove School).—Dec. 30; 7:45 a.m. to 5:15 p.m. Snowsqualls before noon, clearing p.m.; temp. 26° to 33°; wind SW, 10 m.p.h.; no ice on lake or streams, 2-in. snow by noon. Ten observers in 6 parties. Total party-hours, 57 (37 on foot, 20 by car); total party-miles, 242 (42 on foot, 200 by car). ► Horned Grebe, 1; Pied-billed Grebe, 1; Mallard, 7; Black Duck, 82; Wood Duck, 1 (injured); Common Goldeneye, 18; Hooded Merganser, 2; Common Merganser, 1; Red-breasted Merganser, 3; Sharp-shinned Hawk, 2; Cooper's Hawk, 10; Red-tailed Hawk, 11; Red-shouldered Hawk, 2; **Rough-legged Hawk, 1**; Bald Eagle, 2; Sparrow Hawk, 3; Ruffed Grouse, 4; Bobwhite, 41; Ring-necked Pheasant, 1; Killdeer, 4; Common Snipe, 1; Ring-billed Gull, 4; Mourning Dove, 6; Great Horned Owl, **5**; Barred Owl, 3; Belted Kingfisher, 2; Yellow-shafted Flicker, 12; Pileated Woodpecker, 8; Red-bellied Woodpecker, 19; Hairy Woodpecker, 9; Downy Woodpecker, 50; Horned Lark, **222**; Blue Jay, 44; Common Crow, 6; Black-capped and Carolina Chickadee, 121; Tufted Titmouse, 79; White-breasted Nuthatch, 41; Red-breasted Nuthatch, 12; Brown Creeper, 14; Winter Wren, 1; Carolina Wren, 21; Robin, 593; Eastern Bluebird, 42; Golden-crowned Kinglet, **73**; Cedar Waxwing, 8; **Loggerhead Shrike, 1**; Starling, 693; House Sparrow, 629; Eastern Meadowlark, 17; Common Grackle, 2; Brown-headed Cowbird, 8; Cardinal, 207; Evening Grosbeak, 5; Purple Finch, 11; Am. Goldfinch, 97; Rufous-sided Towhee, 2; Slate-colored Junco, 358; Tree Sparrow, 695; Swamp Sparrow, 4; Song Sparrow, 83; Snow Bunting, **31**. **Total,** 62 species; about 4436 individuals.—James Bruce (compiler) (Wayne County Nature Society).

279. New Lexington, Ohio (all points within a 15-mile diameter circle, center New Lexington Courthouse, including 2 reservoirs; fields 45%, deciduous woods 35%, roadsides 10%, pine plantings 10%, 1 feeding station).—Dec. 26; 8 a.m. to 5 p.m. Drizzle all day; temp. 45° to 50°; wind SW, 0-10 m.p.h.; reservoirs frozen, streams open. Ten observers in 3 parties. Total party-hours, 27 (23 on foot, 4 by car); total party-miles, 62 (19 on foot, 43 by car). ► Mallard, 8; Red-tailed Hawk, 3; Sparrow Hawk, 5; Bobwhite, 11; Mourning Dove, 8; Yellow-shafted Flicker, 5; Pileated Woodpecker, 2; Red-bellied Woodpecker, 10; Hairy Woodpecker, 8; Downy Woodpecker, 23; Blue Jay, 18; Carolina Chickadee, 24; Tufted Titmouse, 28; White-breasted Nuthatch, 12; Carolina Wren, 7; Mockingbird, 4; Robin, 7; Eastern Bluebird, 26; Cedar Waxwing, 1; Starling, 89; Myrtle Warbler, 2; House Sparrow, 119; Eastern Meadowlark, 29; Common Grackle, 2; Cardinal, 39; Am. Goldfinch, 23; Rufous-sided Towhee, 1; Slate-colored Junco, 69; Tree Sparrow, 99; Field Sparrow, 6; **Swamp Sparrow, 2**; Song Sparrow, 26. **Total,** 32 species; about 716 individuals. (Seen in area count period, but not on count day: Belted Kingfisher, Common Crow.)—Gerald Doig, George Droscha, Janet LeRoy, Joey LeRoy, Gehale Olive, Philip Olive, John J. Saunders, Patrick Saunders (compiler), Tom Shields, Violet Shields.

280. O'Shaughnessy Reservoir Area, Ohio (all points within a 15-mile diameter circle, center about 2 miles north of dam; stream valleys and water 10%,

town suburbs 12%, farmlands 60%, woodlands 10%, misc. 8%).—Dec. 28; 7:30 a.m. to 7:30 p.m. Mostly cloudy; temp. 51° to 58°; wind variable, 0-10 m.p.h.; ground bare, streams and reservoir open. Two observers in 1 party. Total party-hours, 12 (2 on foot, 10 by car); total party-miles, 86 (2 on foot, 84 by car). ► Great Blue Heron, 3; Canada Goose, 447; **Brant, 2** (carefully identified at 500 ft. by both observers); Blue Goose, 2; Mallard, 516; Black Duck, 1128; Pintail, 20; Am. Widgeon, 5; Common Goldeneye, 27; Bufflehead, 1; Hooded Merganser, 1; Cooper's Hawk, 2; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Sparrow Hawk, 5; Bobwhite, 1; Mourning Dove, 473; Yellow-shafted Flicker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 17; Horned Lark, 26; Blue Jay, 22; Common Crow, 55; Carolina Chickadee, 25; Tufted Titmouse, 17; White-breasted Nuthatch, 12; Brown Creeper, 4; Carolina Wren, 11; Mockingbird, 7; Robin, 26; Eastern Bluebird, 9; Golden-crowned Kinglet, 3; Starling, 763; House Sparrow, 203; Eastern Meadowlark, 1; Common Grackle, 4; Cardinal, 36; Am. Goldfinch, 5; Slate-colored Junco, 15; Tree Sparrow, 18; Song Sparrow, 12. **Total,** 42 species; about 3933 individuals.—A. H. Claugus (compiler), Ernie Limes.

281. Oxford, Ohio (all points within a 15-mile diameter circle, center Oxford, including Hueston Woods State Park, Acton Lake; woodlands 25%, stream and lake border 25%, fields 40%, suburbs 10%).—Dec. 23; 8 a.m. to 5 p.m. Cloudy; temp. 20° to 30°; wind NW, 4 m.p.h.; light snow on ground, water open. Eleven observers in 3 parties. Total party-hours, 17 (14 on foot, 3 by car); total party-miles, 30 (10 on foot, 20 by car). ► Mallard, 500; Black Duck, 60; Pintail, 2; Am. Widgeon, 5; Cooper's Hawk, 3; Red-tailed Hawk, 7; Marsh Hawk, 5; Sparrow Hawk, 3; Bobwhite, 35; Am. Coot, 7; Common Snipe, 7; Herring Gull, 3; Mourning Dove, 44; Great Horned Owl, 1; Barred Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 3; Red-bellied Woodpecker, 4; Hairy Woodpecker, 1; Downy Woodpecker, 20; Horned Lark, 48; Blue Jay, 10; Common Crow, 22; Carolina Chickadee, 67; Tufted Titmouse, 47; White-breasted Nuthatch, 4; Red-breasted Nuthatch, 3; Brown Creeper, 3; Carolina Wren, 11; Mockingbird, 7; Brown Thrasher, 1; Robin, 3; Eastern Bluebird, 4; Golden-crowned Kinglet, 1; Starling, 80; House Sparrow, 225; Eastern Meadowlark, 21; Cardinal, 72; Am. Goldfinch, 4; Rufous-sided Towhee, 8; Slate-colored Junco, 97; Tree Sparrow, 221; Field Sparrow, 1; White-crowned Sparrow, 30; Song Sparrow, 30. **Total,** 45 species; about 1733 individuals.—Paul Daniel, Willis Harbaum, Robert L. Strecker (compiler).

282. Plymouth, Ohio (all points within a 15-mile diameter circle, center Plymouth; covering 5 miles east, 2 miles north, 5 miles west of Plymouth, including Willard Marsh Wildlife Area; roadsides 10%, stream and pond edges 10%, beach-maple climax forest 20%, fields and meadows 10%, rolling upland and mixed deciduous trees 25%, weedy swamp and muckland 25%).—Jan. 2; 8 a.m. to 5 p.m. Cloudy a.m., rain p.m.; temp. 35° to 40°; wind S, 10-15 m.p.h.; ground bare. Three observers in 1 party. Total party-hours, 9 (8 on foot, 1 by car); total party-miles, 34 (10 on foot, 24 by car). ► Marsh Hawk, 2; Sparrow Hawk, 2; Bobwhite, 35; Mourning Dove, 29; Great Horned Owl, 1; Long-eared Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Red-headed Woodpecker, 3; Hairy Woodpecker, 4; Downy Woodpecker, 11; Horned Lark, 35; Blue Jay, 19; Common Crow, 1; Black-capped Chickadee, 20; Tufted Titmouse, 25; White-breasted Nuthatch, 11; Brown Creeper, 1; Robin, 24; Starling, 231; House Sparrow, 220; Cardinal, 25; Slate-colored Junco, 10; Tree Sparrow, 163; Field Sparrow, 1; Song Sparrow, 12. **Total,** 26 species; about 888 individuals. (Seen in area count period, but not on count day: Cooper's Hawk, Red-tailed Hawk, Ring-necked Pheasant, Pileated Woodpecker, Red-bellied Woodpecker, Eastern Meadowlark.)—Maynard J. Coon, Robert C. Haas (compiler), Vance W. Snyder.

283. Portsmouth, Ohio (all points within a 15-mile diameter circle, center 7½ miles west of Portsmouth).—Dec. 26; 8 a.m. to 6 p.m.; temp. 58°; slight breeze at times. Twenty-one observers in 8 parties. Total party-hours, 80; total party-miles, 134 (15 on foot, 119 by car). ► Mallard, 200; Black Duck, 115; Lesser Scaup, 1; Turkey Vulture, 1; Red-tailed Hawk, 4; Broad-winged Hawk, 2 [no details—Ed.]; Bald Eagle, 1; Marsh Hawk, 3; Sparrow Hawk, 23; Bobwhite, 28; Killdeer, 1; Mourning Dove, 73; Belted Kingfisher, 2; Yellow-shafted Flicker, 8; Pileated Woodpecker, 6; Red-bellied Woodpecker, 12; Red-headed Woodpecker, 3; Hairy Woodpecker, 11; Downy Woodpecker, 39; Horned Lark, 16; Blue Jay, 127; Common Crow, 202; Carolina Chickadee, 153; Tufted Titmouse, 152; White-breasted Nuthatch, 22; Red-breasted Nuthatch, 1; Brown Creeper, 17; Winter Wren, 4; Carolina Wren, 50; Mockingbird, 9; Brown Thrasher, 1; Robin, 261; Eastern Bluebird, 41; Golden-crowned Kinglet, 8; Cedar Waxwing, 213; Starling, 507; Myrtle Warbler, 5; House Sparrow, 314; Eastern Meadowlark, 68; Redwinged Blackbird, 1; Common Grackle, 2; Cardinal, 239; Evening Grosbeak, 5; Purple Finch, 33; Am. Goldfinch, 66; Rufous-sided Towhee, 39; Slate-colored Junco, 172; Tree Sparrow, 21; Field Sparrow, 70; White-crowned Sparrow, 30; White-throated Sparrow, 49; Song Sparrow, 72. **Total,** 52 species; about 3503 individuals. (Seen in area count period, but not on count day: Barn Owl.)—Harry Brandel, Gertrude Brandel, Paul Doyle, Maureen Doyle, James Donaldson, Jimmy Donaldson, Charles Eulett, John C. Hayes, Earl C. Hayes, Sr. (compiler), Mrs. Jones, Paulette Kees, Harry Knighton, Elsie Knighton, Dennis Mapes, Virginia Nickels, Allen Nickels, Dale Riley, Gladys Riley, Marie Trowbridge, Mrs. Woods, Miriam Webb.

284. Salem, Ohio (all points within a 15-mile diameter circle, center slightly west of point 2½ miles south of center of city; lake shore 5%, marsh 2%, open fields 3%, brushland 5%, wooded valley 85%).—Jan. 3; 7:30 a.m. to 4:30 p.m. Overcast, light snow; temp. 20° to 27°; wind W, 8-12 m.p.h.; ground bare at start, trace of snow at end. Four observers in 3 parties. Total party-hours, 20 (15 on

foot, 5 by car); total party-miles, 82 (19 on foot, 63 by car). ► **Yellow-crowned Night Heron, 1** (present since Dec. 3—G.W.R.); Black Duck, 2; Lesser Scaup, 1; Common Goldeneye, 1; Ruddy Duck, 2; Cooper's Hawk, 2; Red-tailed Hawk, 4; Red-shouldered Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 10; Ruffed Grouse, 3; Bobwhite, 12; Ring-necked Pheasant, 2; Mourning Dove, **177**; Screech Owl, 1; Great Horned Owl, 1; Barred Owl, 3; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Pileated Woodpecker, 2; Red-bellied Woodpecker, 4; Red-headed Woodpecker, 5; Hairy Woodpecker, 9; Downy Woodpecker, 19; Horned Lark, 35; Blue Jay, 13; Common Crow, 7; Black-capped Chickadee, 71; Carolina Chickadee, 2; Tufted Titmouse, 44; White-breasted Nuthatch, 17; Brown Creeper, 2; Winter Wren, 3; Carolina Wren, 7; Robin, 1; Golden-crowned Kinglet, 2; Starling, 218; House Sparrow, 297; Redwinged Blackbird, 1; Rusty Blackbird, **200**; Common Grackle, 1; Cardinal, 86; Evening Grosbeak, 2; Purple Finch, 3; Pine Siskin, 9; Am. Goldfinch, 24; Rufous-sided Towhee, 1; Slate-colored Junco, 8; Tree Sparrow, 109; Field Sparrow, 3; Swamp Sparrow, 1; Song Sparrow, 38. **Total,** 52 species; about 1470 individuals.—William C. Baker (compiler), Roy A. Booth, Jr., Albert T. Hartley, Edward N. Kirk, G. W. Richter (Salem Bird Study Club).

285. Steubenville, Ohio (all points within a 15-mile diameter circle, center 7½ miles northwest of Steubenville along Rt. 646; about same coverage as last year; deciduous woods 25%, farmland 25%, roadside 15%, bushy fields 17%, cemetery and golf course 8%, pineland 5%, swampy woods 5%).—Dec. 26; 7:45 a.m. to 5:45 p.m. Showers; temp. 38° to 50°; wind W, 0-12 m.p.h. Fifteen observers in 4 parties. Total party-hours, 38 (37 on foot, 1 by car); total party-miles, 54 (39 on foot, 15 by car). ► Pied-billed Grebe, 1; Cooper's Hawk, 2; Red-tailed Hawk, 6; Sparrow Hawk, 1; Ruffed Grouse, 2; Bobwhite, 2; Ring-billed Gull, 1; Mourning Dove, 3; Great Horned Owl, 3; Long-eared Owl, 1; Belted Kingfisher, 4; Yellow-shafted Flicker, 1; Pileated Woodpecker, 4; Red-bellied Woodpecker, 14; Hairy Woodpecker, 10; Downy Woodpecker, 77; Horned Lark, 43; Blue Jay, 2; Common Crow, 8; Black-capped Chickadee, 11; Carolina Chickadee, 162; Tufted Titmouse, 91; White-breasted Nuthatch, 23; Red-breasted Nuthatch, 1; Carolina Wren, 24; Mockingbird, 1; Robin, 44; Eastern Bluebird, 6; Golden-crowned Kinglet, 3; Cedar Waxwing, 21; Starling, 214; House Sparrow, 236; Eastern Meadowlark, 3; Cardinal, 220; Am. Goldfinch, 18; Slate-colored Junco, 162; Tree Sparrow, 109; Field Sparrow, 2; Fox Sparrow, 2; Song Sparrow, 65. **Total,** 40 species; about 1603 individuals. (Seen in area count period, but not on count day: White-throated Sparrow.)—Gail H. Ash, Clinton S. Banks (compiler), Robert Conti, R. L. Dailey, Dick Hague, James R. Hague, Thomas D. Howe, Laila Huhtala, Arthur Johnson, Alice Koch, Carl Koch, Alberta Miller, Donald Miller, Albert R. Tenney, Floyd Wells (The Forest Audubon Club).

286. Tiffin, Ohio (all points within a 15-mile diameter circle, center at intersection of County Roads 50 and 15; open fields 40%, shrubby fields 5%, upland evergreen forest 4%, upland deciduous forest 10%, bottomland deciduous forest 31%, misc. 10%).—Jan. 3; 8 a.m. to 5:20 p.m. Partly cloudy, snow showers a.m.; temp. 31° to 34°; wind W, 25-30 m.p.h.; streams bank full. Twenty-one observers in 8 parties. Total party-hours, 34 (21 on foot, 13 by car); total party-miles, 316 (56 on foot, 260 by car). ► Canada Goose, 180; Mallard, 24; Black Duck, 2; Common Goldeneye, 1; Cooper's Hawk, 1; Red-tailed Hawk, 9; Red-shouldered Hawk, 4; Rough-legged Hawk, 1; Marsh Hawk, 3; Sparrow Hawk, 5; Bobwhite, 20; Ring-necked Pheasant, 5; Mourning Dove, 127; Barn Owl, 1; Barred Owl, 4; Belted Kingfisher, 3; Yellow-shafted Flicker, 8; Red-bellied Woodpecker, 26; Red-headed Woodpecker, 6; Hairy Woodpecker, 19; Downy Woodpecker, 108; Horned Lark, 81; Blue Jay, 29; Common Crow, 10; Black-capped Chickadee, 123; Tufted Titmouse, 105; White-breasted Nuthatch, 108; Brown Creeper, 31; Carolina Wren, 4; Robin, 2; Golden-crowned Kinglet, 2; Cedar Waxwing, 8; Starling, 513; House Sparrow, 1156; Eastern Meadowlark, 41; Cardinal, 124; Am. Goldfinch, 11; Slate-colored Junco, 152; Tree Sparrow, 169; Field Sparrow, 15; Song Sparrow, 72. **Total,** 41 species; about 3313 individuals.—Grover Baum, Rosina Brown, Marjorie Ewald, Richard Ewald, Ralph Foutz, Marie Froelich, Robert Hayman, Lena Hubscher, Jean Knoblaugh (compiler), Walter Knoblaugh, Fay Miller, Vernon Miller, Vernon Miller, Jr., Robert Mills, Isabelle Nessle, James Nessle, Paula Nessle, Larry Tiell, Tom West, Virginia Wise, Leanne Wolff (Seneca Nature Club).

287. Toledo, Ohio (all points within a 15-mile diameter circle, center Toledo, including 5 miles of Swan Creek Valley, 5 miles of Ottawa River Valley, edge of Cedar Point and Erie, Mich., Lake Erie, Maumee Bay; open water 10%, cultivated fields 3%, wooded cattail marsh edge 27%, open deciduous forest 60%).—Dec. 27; 8 a.m. to 5 p.m. Rain a.m., cloudy p.m.; temp. 47° to 60°; wind SW, 7 m.p.h.; all water open. Thirty-three observers in 7 parties. Total party-hours, 42 (39 on foot, 3 by car); total party-miles, 77 (40 on foot, 37 by car). ► Great Blue Heron, 5; Canada Goose, 153; Mallard, 8076; Black Duck, 7120; Gadwall, 2; Pintail, 12; Redhead, 4; Canvasback, 1; Greater Scaup, 1; Lesser Scaup, 34; Common Goldeneye, 101; Ruddy Duck, 82; Hooded Merganser, 1; Common Merganser, 10; Cooper's Hawk, 2; Red-tailed Hawk, 5; Red-shouldered Hawk, 2; Rough-legged Hawk, 2; Bald Eagle, 1; Marsh Hawk, 4; Sparrow Hawk, **22**; Bobwhite, 41; Ring-necked Pheasant, 155; Am. Coot, 46; Killdeer, 2; Great Black-backed Gull, **24**; Herring Gull, 325; Ring-billed Gull, 2310; Bonaparte's Gull, 325; Mourning Dove, 313; Screech Owl, 1; Great Horned Owl, 5; Barred Owl, 2; **Saw-whet Owl, 1**; Belted Kingfisher, 2; Yellow-shafted Flicker, 1; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 8; Downy Woodpecker, 90; Horned Lark, 27; Blue Jay, 130; Common Crow, 9790; Black-capped Chickadee, 119; Tufted Titmouse, 77; White-breasted Nuthatch, 38; Red-breasted Nuthatch, 8; Brown Creeper, 40; Winter Wren, 1; Carolina Wren, **22**; Mockingbird, 1;

Robin, 18; Hermit Thrush, 1; Golden-crowned Kinglet, 15; Cedar Waxwing, 18; Starling, 747; **Yellow-throat, 2**; House Sparrow, 859; Eastern Meadowlark, 25; Redwinged Blackbird, 9; Cardinal, 205; Purple Finch, **250**; Pine Siskin, 11; Am. Goldfinch, **312**; Slate-colored Junco, 375; **Oregon Junco, 1**; Tree Sparrow, 272; Field Sparrow, 2; White-throated Sparrow, 3; Fox Sparrow, 2; Swamp Sparrow, 13; Song Sparrow, 94; Snow Bunting, 201. **Total,** 73 species; about 32,982 individuals.—Miriam Bell, Grace and Otis Bridges, Tom Brindley, Louis W. Campbell (compiler), Robert Crofts, Jerry Felland, Glenn and Dennis Forsythe, Lee Garling, F. Cyril Greenhill, Jr., Seymour Holloway, John Keith, Lou Klewer, Andrew Kondi, Harold, John and Charles Mayfield, John McCormick, James Nessle, Betty Rich, Jerry Scott, Dick Sheets, William Smith, Jr., Fred Stearns, John Stophlet, Joe Sweeney, Robert Turner, Don and Doris Van Buskirk, Laurel Van Camp, Beatrice Waterbury, Earnest Weaver (Toledo Naturalists' Association).

288. Utica, Ohio (all points within a 15-mile diameter circle, center 1 mile N of SE corner of Washington Township as in past 10 years; beech-maple climax 30%, open farmland 15%, rolling upland with oak-hickory climax and mixed deciduous trees 20%, brushy thickets 5%, lowland and brushy stream edges 30%).—Dec. 27; 6 a.m. to 5 p.m. Drizzle to noon, brief sun; temp. 50° to 65°; wind SW, 0-10 m.p.h.; ground bare, water open. Eleven observers in 6 parties. Total party-hours, 41 (36 on foot, 5 by car); total party-miles, 125 (39 on foot, 86 by car). ► Great Blue Heron, 1; **Blue Goose, 1** (present since Oct.); Mallard, 6; Black Duck, 1; Pintail, 1; Turkey Vulture, 18; **Black Vulture, 5** (in direct comparison with Turkey Vultures—Mrs. C.R.W.); Sharp-shinned Hawk, 1; Cooper's Hawk, 5; Red-tailed Hawk, 9; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 5; Ruffed Grouse, 3; Bobwhite, 161; Ring-necked Pheasant, 2; Killdeer, 3; Mourning Dove, **503**; Barn Owl, 5; Screech Owl, 7; Great Horned Owl, **12**; Barred Owl, 4; Long-eared Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 17; Pileated Woodpecker, 6; Red-bellied Woodpecker, 46; Red-headed Woodpecker, 8; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 25; Downy Woodpecker, 96; Horned Lark, 168 (2 races); Blue Jay, 76; Common Crow, 10; **Black-capped Chickadee, 4** (C.R.W.); Carolina Chickadee, 125; Tufted Titmouse, 119; White-breasted Nuthatch, 131; Red-breasted Nuthatch, 2; Brown Creeper, 16; Winter Wren, **11**; Carolina Wren, **57**; Mockingbird, 1; Robin, 28; Eastern Bluebird, 24; Golden-crowned Kinglet, 23; Ruby-crowned Kinglet, 2; Cedar Waxwing, 23; Starling, 1573; Myrtle Warbler, 3; House Sparrow, 878; Eastern Meadowlark, 77; Redwinged Blackbird, 17; Rusty Blackbird, 18; Common Grackle, 24; Brown-headed Cowbird, 17; Cardinal, 207; **Evening Grosbeak, 1**; Purple Finch, 2; Am. Goldfinch, 73; Rufous-sided Towhee, 2; Slate-colored Junco, 93; Tree Sparrow, 489; Field Sparrow, 5; White-crowned Sparrow, 1; White-throated Sparrow, 3; Swamp Sparrow, 4; Song Sparrow, 169. **Total,** 69 species (1 additional race); 5436 individuals. (Seen in area count period, but not on count day: Canada Goose.)—Howard Berg, Joseph Berg, Mrs. Joseph Berg, Mrs. Harry Fulton, Marie Greider, Mrs. Don McMillan, David Neighbarger, Ray Neighbarger, Warren Neighbarger, C. R. Wagner, Mrs. C. R. Wagner (compiler).

289. Van Wert, Ohio (all points within a 15-mile diameter circle, center County Court House; open farmland 45%, deciduous swamp forest 40%, urban and suburban area 10%, farmyards 5%).—Dec. 27; 7:30 a.m. to 5:30 p.m. Cloudy; temp. 50° to 60°; wind SSW, 5-7 m.p.h.; no ice or snow. Six observers in 4 parties. Total party-hours, 25 (17 on foot, 8 by car); total party-miles, 115 (19 on foot, 96 by car). ► Cooper's Hawk, 1; Red-tailed Hawk, 4; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 6; Mourning Dove, 75; Great Horned Owl, 1; Long-eared Owl, 2; Yellow-shafted Flicker, 2; Red-headed Woodpecker, 12; Hairy Woodpecker, 17; Downy Woodpecker, 24; Horned Lark, 35; Blue Jay, 27; Common Crow, 1; Black-capped Chickadee, 2; Tufted Titmouse, 32; White-breasted Nuthatch, 27; Red-breasted Nuthatch, 1; Brown Creeper, 2; Carolina Wren, 2; Robin, 3; Cedar Waxwing, 6; Starling, 226; House Sparrow, 306; Cardinal, 17; Slate-colored Junco, 24; Tree Sparrow, 98; Song Sparrow, 19. **Total,** 29 species; about 974 individuals.—Arthur S. Brooks, Ronald Gibbs, Katherine Giffin, Bill Feigert, E. C. Feigert, J. Fred Williams (compiler) (Upper Maumee Valley Naturalist Club).

290. Warren, Ohio (all points within a 15-mile diameter circle, center Warren).—Dec. 27; 7:30 a.m. to 5:30 p.m. Cloudy a.m., sunny p.m.; temp. 45° to 50°; wind SW, 8 m.p.h.; some water open. Thirty-two observers in 7 parties. Total party-hours, 111 (108 on foot, 3 by car); total party-miles, 97 (31 on foot, 66 by car). ► Mallard, 6; Black Duck, 15; Bufflehead, 6; Cooper's Hawk, 4; Red-shouldered Hawk, 1; Sparrow Hawk, 3; Ruffed Grouse, 1; Bobwhite, 66; Ring-necked Pheasant, 19; Ring-billed Gull, 8; Mourning Dove, 35; Barn Owl, 1; Screech Owl, 1; Barred Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 2; Red-headed Woodpecker, 4; Hairy Woodpecker, 7; Downy Woodpecker, 73; Blue Jay, 100; Common Crow, 545; Black-capped Chickadee, 112; Tufted Titmouse, 48; White-breasted Nuthatch, 48; Red-breasted Nuthatch, 2; Brown Creeper, 1; Winter Wren, 2; Carolina Wren, 2; Robin, 39; Cedar Waxwing, 8; Starling, 569; House Sparrow, 576; Common Grackle, 1; Cardinal, 127; Am. Goldfinch, 53; Slate-colored Junco, 137; Tree Sparrow, 232; Song Sparrow, 19. **Total,** 38 species; about 2876 individuals.—Georgene Smith (compiler) (Trumbull Bird and Nature Club).

291. Wooster, Ohio (all points within a 15-mile diameter circle, center on Route 3 about 1 mile NE of Springville).—Dec. 26; 6:30 a.m. to 5:30 p.m. Fog, light rain; temp. 41° to 48°; wind SW, up to 7 m.p.h.; streams and lakes free of ice, swamps frozen, no snow. Eighteen observers in 5 parties. Total party-hours, 41¼ (18 on foot, 23 by car, ¼ by airplane); total party-miles, 289 (24 on foot, 235 by car, 30 by airplane). ► Great Blue Heron, 6; Mallard, 31; Black Duck, 20; Gadwall, 1; Cooper's Hawk, 3; Red-tailed Hawk, 22; Red-shouldered Hawk, 7; **Rough-legged Hawk, 1**; Marsh Hawk, 1; Sparrow Hawk, 8; Bob-

white, 56; Ring-necked Pheasant, 15; Killdeer, 2; Mourning Dove, 163; Great Horned Owl, **10**; Barred Owl, 6; Belted Kingfisher, 10; Yellow-shafted Flicker, 13; Pileated Woodpecker, 7; Red-bellied Woodpecker, 23; Red-headed Woodpecker, 16; Hairy Woodpecker, 10; Downy Woodpecker, 68; Horned Lark, 6; Blue Jay, 104; Common Crow, 1; Black-capped and Carolina Chickadee, 94; Tufted Titmouse, 53; White-breasted Nuthatch, 51; Red-breasted Nuthatch, 10; Brown Creeper, 4; Winter Wren, 1; Carolina Wren, 46; Long-billed Marsh Wren, 2; **Mockingbird, 1**; Eastern Bluebird, 23; Golden-crowned Kinglet, 17; Cedar Waxwing, 30; Starling, 174; Myrtle Warbler, 4; House Sparrow, 635; Eastern Meadowlark, 1; Red-winged Blackbird, 353; Rusty Blackbird, 235; Common Grackle, 15; Brown-headed Cowbird, 35; Cardinal, 178; Common Redpoll, 6; Pine Siskin, 20; Am. Goldfinch, 277; Rufous-sided Towhee, 2; Slate-colored Junco, 137; Tree Sparrow, 685; Field Sparrow, 8; White-crowned Sparrow, 18; White-throated Sparrow, 16; Swamp Sparrow, 42; Song Sparrow, 176. **Total,** 59 species; about 3960 individuals.—James Bruce (compiler) (Wayne County Nature Society).

292. Wyoming, Ohio (all points within a 15-mile diameter circle, center at intersection of Galbraith Road and Cheviot Road, including Spring Grove Cemetery, Mt. Airy Forest, Winton Woods).—Dec. 29; 7:30 a.m. to 5:30 p.m. Overcast; temp. 33° to 38°; wind W, 0-15 m.p.h.; 0.12-in. rain and snow. Three observers in 3 parties. Total party-hours, 20 (10 on foot, 10 by car); total party-miles, 152 (10 on foot, 142 by car). ► **Blue Goose, 1** (present since Oct.); Red-tailed Hawk, 4; Red-shouldered Hawk, 2; Sparrow Hawk, 5; Bobwhite, 61; Killdeer, 12; Mourning Dove, 35; Barred Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 9; Red-bellied Woodpecker, 1; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 28; Blue Jay, 24; Common Crow, 20; Carolina Chickadee, 110; Tufted Titmouse, 66; White-breasted Nuthatch, 3; Brown Creeper, 6; Carolina Wren, 36; Mockingbird, 10; Robin, 127; Eastern Bluebird, 3; Starling, 104; House Sparrow, 140; Eastern Meadowlark, 2; Cardinal, 135; Am. Goldfinch, 15; Rufous-sided Towhee, 11; Slate-colored Junco, 180; Tree Sparrow, 26; Field Sparrow, 1; White-throated Sparrow, 21; Song Sparrow, 61. **Total,** 35 species; about 1266 individuals. (Seen in area count period, but not on count day: Mallard, Black Duck, Cooper's Hawk, Horned Lark, Golden-crowned Kinglet, Common Grackle.)—Jay Sheppard, Richard Watkins, Paul Woodward (compiler).

293. Youngstown, Ohio (all points within a 15-mile diameter circle, center on Leffingwell Road southwest of Youngstown; urban 15%, woods 30%, lakes and streams 10%, pasture and small farm 45%).—Dec. 27; 7:30 a.m. to 6 p.m.; temp. 40° to 62°; wind S, 20 m.p.h. Thirty observers in 9 parties. Total party-hours, 94 (40 on foot, 54 by car); total party-miles, 400 (100 on foot, 300 by car). ► Mallard, 100; Black Duck, 75; Ruddy Duck, 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 4; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Marsh Hawk, 3; Sparrow Hawk, 21; Bobwhite, 55; Ring-necked Pheasant, 43; Mourning Dove, 157; Barred Owl, 2; Belted Kingfisher, 4; Yellow-shafted Flicker, 2; Pileated Woodpecker, 1; Red-bellied Woodpecker, 1; Hairy Woodpecker, 12; Downy Woodpecker, 32; Horned Lark, 39; Blue Jay, 163; Common Crow, 410; Black-capped Chickadee, 106; Tufted Titmouse, 88; White-breasted Nuthatch, 81; Brown Creeper, 8; Winter Wren, 5; Carolina Wren, 13; Robin, 3; Eastern Bluebird, 1; Golden-crowned Kinglet, 1; Ruby-crowned Kinglet, 1; Cedar Waxwing, 8; Starling, 1920; **Myrtle Warbler, 1** (first count record); House Sparrow, 785; Redwinged Blackbird, 24; Cardinal, 96; Am. Goldfinch, 15; Rufous-sided Towhee, 1; Vesper Sparrow, 1; Slate-colored Junco, 64; Tree Sparrow, 210; Field Sparrow, 2; Song Sparrow, 18; Lapland Longspur, 1. **Total,** 47 species; about 4583 individuals.—Vincent P. McLaughlin (compiler) (Grant M. Cook Bird Club).

294. Zanesville, Ohio (all points within a 15-mile diameter circle, center Government Nursery on Rt. 666 north of Zanesville, including Dresden, Y.M.C.A. Camp, Girl Scout Camp; wooded hill 35%, open farmland 60%, suburban 5%).—Dec. 27; 7:15 a.m. to 5:15 p.m. Rain, cleared p.m.; temp. 50° to 65°; wind S, 5 m.p.h.; ground bare, water open. Fifteen observers in 4 parties. Total party-hours, 78 (38 on foot, 40 by car); total party-miles, 200 (32 on foot, 168 by car). ► Great Blue Heron, 3; Mallard, 4; Black Duck, 1; Cooper's Hawk, 2; Red-tailed Hawk, 7; Marsh Hawk, 1; Sparrow Hawk, 7; Bobwhite, 25; Killdeer, 6; Mourning Dove, 141; Great Horned Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 8; Pileated Woodpecker, 4; Red-bellied Woodpecker, 12; Hairy Woodpecker, 8; Downy Woodpecker, 42; Horned Lark, 3; Blue Jay, 35; Common Crow, 7; Carolina Chickadee, 61; Tufted Titmouse, 58; White-breasted Nuthatch, 45; Red-breasted Nuthatch, 1; Carolina Wren, 10; Mockingbird, 3; Robin, 21; Eastern Bluebird, 91; Golden-crowned Kinglet, 1; Cedar Waxwing, 12; Starling, 416; Myrtle Warbler, 1; House Sparrow, 153; Eastern Meadowlark, 5; Common Grackle, 6; Cardinal, 74; Am. Goldfinch, 18; Rufous-sided Towhee, 2; Slate-colored Junco, 33; Tree Sparrow, 3; Song Sparrow, 16. **Total,** 41 species; about 1348 individuals. (Seen in area count period, but not on count day: Yellow-bellied Sapsucker, Brown Creeper.)—Mr. and Mrs. John Bonifield, Gerald Doig, Tom Kullman, Janet LeRoy (compiler), Joseph LeRoy, Greg Long, Mr. and Mrs. Fred Merrell, Mr. and Mrs. Thomas Shields, Dottie Shields, Pat Saunders, Kenneth Gale, Deborah Gale (Zanesville Audubon Society and guests).

295. Charleston, W. Va. (all points within a 15-mile diameter circle; Kanawha River Valley and adjacent hills from southeast Charleston to St. Albans, Sattes and Big Tyler Mountain; open farmland and pasture 10%, urban 45%, deciduous woodland 45%).—Jan. 2; 7 a.m. to 4:30 p.m. Heavy overcast most of day; temp. 42° to 46°; wind SW, 0-5 m.p.h.; ground bare. Twenty-two observers in 12 parties. Total party-hours, 63 (54 on foot, 9 by car); total party-miles, 149 (43 on foot, 106 by car). ► Great Blue Heron, 1; Hooded Merganser, 3; Sharp-shinned Hawk, 1; Red-tailed Hawk, 2; Sparrow Hawk, 7; Ruffed Grouse, 1; Killdeer, 46; Common Snipe, 6; Great Horned Owl, 1; Barred Owl, 1; Belted Kingfisher, 5; Yellow-

shafted Flicker, 9; Pileated Woodpecker, 7; Red-bellied Woodpecker, 10; Red-headed Woodpecker, 4; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 12; Downy Woodpecker, 48; Horned Lark, 3; Blue Jay, 123; Common Crow, 429; Carolina Chickadee, 167; Tufted Titmouse, 123; White-breasted Nuthatch, 43; Red-breasted Nuthatch, 1; Brown Creeper, 2; Winter Wren, 3; Carolina Wren, 66; Mockingbird, 6; Robin, 552; Eastern Bluebird, 51; Golden-crowned Kinglet, 10; Ruby-crowned Kinglet, 2; Cedar Waxwing, 25; Starling, 1545; Myrtle Warbler, 25; **Prairie Warbler,** 1 (G.H.); House Sparrow, 242; Eastern Meadowlark, 4; Cardinal, 202; **Evening Grosbeak, 1 (G.H.)**; Purple Finch, 31; **Pine Grosbeak, 1** (at feeder—O.B.); Am. Goldfinch, 59; Rufous-sided Towhee, 54; Slate-colored Junco, 168; Tree Sparrow, 27; Field Sparrow, 36; White-crowned Sparrow, 11; White-throated Sparrow, 248; Fox Sparrow, 3; Swamp Sparrow, 9; Song Sparrow, 155. **Total,** 53 species; about 4595 individuals.—Kenneth Anderson, George and Ruth Ballentine, Lucy and Sarah Barber, Olive Brown, Norris Gluck, Polly Handlan, C. O. Handley, Sr. (compiler), George Hurley, Lillian McGurl, Ann Shreve, Johnny Smith, Maxine Thacker, Julian Tinsley (Handlan Chapter of Brooks Bird Club).

296. Charles Town, W. Va. (all points within a 15-mile diameter circle, center 3 miles north of Charles Town as past 8 years; small ponds 10%, stream banks 15%, weedy fields 10%, mature oak forests 15%, cattail marsh 25%, farm fields 25%).—Dec. 30; 7:30 a.m. to 5:15 p.m. Clear a.m., cloudy p.m.; temp. 30° to 45°; wind SW, 2-15 m.p.h. Five observers in 1 party. Total party-hours, 9¾ (6 on foot, 3¾ by car); total party-miles, 100 (6 on foot, 94 by car). ► Great Blue Heron, 4; Mallard, 3; Am. Widgeon, 3; Turkey Vulture, 7; Sharp-shinned Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 1; Bobwhite, 32; Killdeer, 11; Common Snipe, 14; Mourning Dove, 16; Belted Kingfisher, 12; Yellow-shafted Flicker, 1; Pileated Woodpecker, 1; Red-bellied Woodpecker, 2; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 7; Blue Jay, 27; Common Crow, 3824; Carolina Chickadee, 9; Tufted Titmouse, 12; White-breasted Nuthatch, 7; Brown Creeper, 3; Winter Wren, 1; Mockingbird, 14; Catbird, 2; Robin, 2; Eastern Bluebird, 8; Golden-crowned Kinglet, 2; Cedar Waxwing, 35; Loggerhead Shrike, 1; Starling, 438+; House Sparrow, 325+; Eastern Meadowlark, 3; Brown-headed Cowbird, 1; Cardinal, 23; Purple Finch, 16; Am. Goldfinch, 29; Slate-colored Junco, 93; Tree Sparrow, 39; White-crowned Sparrow, 68; White-throated Sparrow, 8; Fox Sparrow, 1; Song Sparrow, 31. **Total,** 48 species; about 5145 individuals. (Seen in area count period, but not on count day: Wood Duck, Carolina Wren.)—Mr. and Mrs. Frank Anderson, Mrs. Hugh Caperton, James Gutsell, Clark Miller (compiler), Sam Walker.

297. Huntington, W. Va. (all points within a 15-mile diameter circle, center same as 1940 and subsequent counts).—Dec. 26; 4 a.m. to 5:30 p.m. Cloudy; temp. 45° to 65°; no wind; ground bare. Nine observers in 9 parties. Total party-hours, 60 (46 on foot, 14 by car); total party-miles, 462 (57 on foot, 405 by car). ► Pied-billed Grebe, 1; Canada Goose, 8; Mallard, 29; Black Duck, 40; Bufflehead, 5; Hooded Merganser, 1; Turkey Vulture, 1; Cooper's Hawk, 2; Red-shouldered Hawk, 1; **Broad-winged Hawk, 1**; Marsh Hawk, 1; Sparrow Hawk, 12; Ruffed Grouse, 2; Bobwhite, 33; Killdeer, 4; Herring Gull, 1; Ring-billed Gull, 1; Mourning Dove, 4; Screech Owl, 4; Barred Owl, 4; Belted Kingfisher, 4; Yellow-shafted Flicker, 28; Pileated Woodpecker, 10; Red-bellied Woodpecker, 5; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 7; Downy Woodpecker, 106; Horned Lark, 3; Blue Jay, 112; Common Crow, 341; Carolina Chickadee, 360; Tufted Titmouse, 327; White-breasted Nuthatch, 46; Red-breasted Nuthatch, 3; Brown Creeper, 7; Winter Wren, 2; Carolina Wren, 127; Mockingbird, 40; Catbird, 1; Robin, 92; Hermit Thrush, 2; Eastern Bluebird, 32; Golden-crowned Kinglet, 10; Cedar Waxwing, 32; Starling, 2109; Myrtle Warbler, 31; House Sparrow, 256; Eastern Meadowlark, 18; Redwinged Blackbird, 3; Rusty Blackbird, 10; Common Grackle, 2; Brown-headed Cowbird, 1; Cardinal, 318; Evening Grosbeak, 14; Purple Finch, 37; Am. Goldfinch, 197; Rufous-sided Towhee, 125; Vesper Sparrow, 1; Slate-colored Junco, 227; Tree Sparrow, 4; Chipping Sparrow, 1; Field Sparrow, 29; White-crowned Sparrow, 11; White-throated Sparrow, 295; Fox Sparrow, 14; Swamp Sparrow, 3; Song Sparrow, 333. **Total,** 68 species; about 5896 individuals.—R. M. Edeburn (compiler), George H. Gunnoe, Mrs. H. C. Hale, Tommy Igo, H. W. Lawless, Mrs. W. H. Odell, Mrs. Grady Risen, R. P. Van Blaricom, Rachael Wilson.

298. Inwood, W. Va. (all points within a 15-mile diameter circle, center Inwood as in past 9 years, including southern Berkeley County from Big Spring to Va. Line, and from Opequon Creek to top of North Mountain; apple and cherry orchards 20%, mature oak forests 10%, pastures 15%, open farm fields 20%, scrub-pine, locust and sumac 30%, small streams and marshes 5%).—Dec. 31; 7:30 a.m. to 5 p.m. Snow squalls a.m., clear p.m.; temp. 30° to 45°; wind SW, 3-15 m.p.h. Four observers in 1 party. Total party-hours, 9½ (7½ on foot, 2 by car); total party-miles, 36 (10 on foot, 26 by car). ► Wood Duck, 1; Turkey Vulture, 10; Black Vulture, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Marsh Hawk, 2; Bobwhite, 49; Killdeer, 21; Common Snipe, 12; Mourning Dove, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Pileated Woodpecker, 1; Red-bellied Woodpecker, 2; Downy Woodpecker, 12; Blue Jay, 105; Common Crow, 245; Carolina Chickadee, 42; Tufted Titmouse, 14; White-breasted Nuthatch, 13; Brown Creeper, 1; Carolina Wren, 2; Mockingbird, 25; Robin, 22; Eastern Bluebird, 1; Golden-crowned Kinglet, 16; Ruby-crowned Kinglet, 11; Cedar Waxwing, 150; Starling, 2585; House Sparrow, 730; Eastern Meadowlark, 8; Redwinged Blackbird, 30; Rusty Blackbird, 20; Cardinal, 67; Purple Finch, 10; Pine Siskin, 5; Am. Goldfinch, 50; Slate-colored Junco, 145; Tree Sparrow, 36; Field Sparrow, 2; White-crowned Sparrow, 42; White-throated Sparrow, 5; Song Sparrow, 27. **Total,** 43 species; about 4526 individuals. (Seen in area count period, but not on count day: Hooded Merganser,

Screech Owl.)—Robert O. Burkhart, Jr., James Gutsell, Clark Miller (compiler), Sam Walker.

299. Morgantown, W. Va. (all points within a 15-mile diameter circle, center about 4 miles east of Morgantown at Tibbs Run Reservoir; woodlands 40%, fields 40%, town suburbs 10%, lakes and streams 5%, swamps 5%).—Jan. 3; 8 a.m. to 5 p.m. Overcast, rain, snow; temp. 31° to 40°; wind W to NW, 0-20 m.p.h.; lakes and streams open, some snow cover. Seven observers in 3 parties. Total party-hours, 63 (40 on foot, 23 by car); total party-miles, 143 (34 on foot, 109 by car). ► Common Loon, 2; Horned Grebe, 2; Mallard, 6; Common Goldeneye, 18; Hooded Merganser, 4; Red-breasted Merganser, 2; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-shouldered Hawk, 2; Sparrow Hawk, 1; Ruffed Grouse, 4; Killdeer, 9; Common Snipe, 1; Screech Owl, 1; Yellow-shafted Flicker, 4; Pileated Woodpecker, 5; Red-bellied Woodpecker, 5; Hairy Woodpecker, 2; Downy Woodpecker, 16; Horned Lark, 11; Blue Jay, 15; Common Crow, 146; Black-capped Chickadee, 18; Carolina Chickadee, 62; Tufted Titmouse, 67; White-breasted Nuthatch, 14; Brown Creeper, 3; Winter Wren, 1; Carolina Wren, 9; Mockingbird, 1; Robin, 107; Eastern Bluebird, 5; Starling, 136; House Sparrow, 52; Eastern Meadowlark, 3; Cardinal, 109; Evening Grosbeak, 9; Am. Goldfinch, 4; Slate-colored Junco, 71; Tree Sparrow, 37; Field Sparrow, 6; White-crowned Sparrow, 5; White-throated Sparrow, 3; Song Sparrow, 17. **Total,** 44 species; about 997 individuals. (Seen in area count period, but not on count day: Lesser Scaup, Belted Kingfisher, Redwinged Blackbird.)—Mr. and Mrs. Arnold Benson, William Berthy, Fred C. Brooks, Maurice G. Brooks, Larry Brown, George R. Maxwell, II (compiler).

300. Bowling Green, Ky. (all points within a 15-mile diameter circle, center 6 miles northwest of Bowling Green as in last 42 years).—Dec. 23; 6:15 a.m. to 5 p.m.; temp. 32° to 45°; wind NW, 5-12 m.p.h.; streams open, ground bare. Six observers in 3 parties. Total party-hours, 23 (20 on foot, 3 by car); total party-miles, 54 (10 on foot, 44 by car). ► Green-winged Teal, 1; Turkey Vulture, 4; Sharp-shinned Hawk, 1; Red-tailed Hawk, 5; Red-shouldered Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 8; Am. Coot, 1; Killdeer, 4; Mourning Dove, **575** (roost); Barred Owl, 1; Yellow-shafted Flicker, 19; Pileated Woodpecker, 10; Red-bellied Woodpecker, 28; Red-headed Woodpecker, 15; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 3; Downy Woodpecker, 21; Horned Lark, 68; Blue Jay, **91**; Common Crow, 82; Carolina Chickadee, 61; Tufted Titmouse, 53; Brown Creeper, 1; Bewick's Wren, 1; Carolina Wren, 26; Mockingbird, 30; Robin, 16; Hermit Thrush, 4; Eastern Bluebird, 12; Loggerhead Shrike, 6; Starling, 27,280; Myrtle Warbler, 2; House Sparrow, 272; Eastern Meadowlark, **245**; Redwinged Blackbird, 5; Common Grackle, 30; Cardinal, 138; Purple Finch, 13; Am. Goldfinch, **316**; Rufous-sided Towhee, 52; Savannah Sparrow, 2; Slate-colored Junco, 130; Field Sparrow, 33; White-crowned Sparrow, 144; White-throated Sparrow, 110; Swamp Sparrow, 27; Song Sparrow, 41. **Total,** 48 species; about 29,994 individuals. (Seen in area count period, but not on count day: Bobwhite, Belted Kingfisher, Eastern Phoebe, White-breasted Nuthatch, Winter Wren, Golden-crowned Kinglet, Brown-headed Cowbird, Fox Sparrow.)—Millard Gipson, L. Y. Lancaster, Robert N. Pace, Robert Rold, Charles L. Taylor, Gordon Wilson (compiler).

301. Danville, Ky. (all points within a 15-mile diameter circle, center court house).—Jan. 1; 6:50 a.m. to 4:50 p.m. Mostly cloudy; temp. 23° to 43°; wind W, 5 m.p.h.; ground mostly bare, dusting of snow in spots. Ten observers in 5 parties. Total party-hours, 34 (12 on foot, 22 by car); total party-miles, 190 (9 on foot, 181 by car). ► Pied-billed Grebe, 1; Great Blue Heron, 2; Canada Goose, 90; Blue Goose, 11; Mallard, 450; Black Duck, 105; Gadwall, 7; Pintail, 2; Green-winged Teal, 4; Am. Widgeon, 36; Lesser Scaup, 1; Ruddy Duck, 2; Hooded Merganser, 7; Turkey Vulture, 15; **Black Vulture, 107**; Cooper's Hawk, 1; Red-tailed Hawk, 2; Rough-legged Hawk, 3; Sparrow Hawk, 30; Bobwhite, 1; Am. Coot, 6; Killdeer, 6; Mourning Dove, 82; Barred Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 4; Pileated Woodpecker, 1; Red-bellied Woodpecker, 9; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 31; Horned Lark, 10; Blue Jay, 15; Common Crow, 921; Carolina Chickadee, 119; Tufted Titmouse, 109; Red-breasted Nuthatch, 1; Winter Wren, 1; Bewick's Wren, 10; Carolina Wren, 19; Mockingbird, 19; Robin, 4; Eastern Bluebird, 3; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 1; Cedar Waxwing, 7; Starling, 1978; House Sparrow, 614; Eastern Meadowlark, 72; Common Grackle, 175; Cardinal, 151; Am. Goldfinch, 63; Rufous-sided Towhee, 5; Savannah Sparrow, 1; Slate-colored Junco, 239; Field Sparrow, 5; White-crowned Sparrow, 61; White-throated Sparrow, 39; Song Sparrow, 28. **Total,** 59 species; about 5694 individuals.—Florence Davis, Jackson Davis, Margaret Glore, Scott Glore, Jr., Edna Drill Heck, F. H. Heck (compiler), Ray Knowles, Joan Neuman, Margaret Moore, L. W. Ullrich.

302. Henderson, Ky. (all points within a 15-mile diameter circle, center same as last year).—Dec. 26; 7 a.m. to 4 p.m. Early fog and drizzle; temp. 51° to 56°; wind S, 7-10 m.p.h. Twelve observers in 5 parties. Total party-hours, 26 (18 on foot, 8 by car); total party-miles, 47 (20 on foot, 27 by car). ► Double-crested Cormorant, 2; Great Blue Heron, 4; Canada Goose, 1616; Mallard, 49; Black Duck, 77; Pintail, 1; Am. Widgeon, 1; Wood Duck, 2; Greater Scaup, 1; Turkey Vulture, 3; Cooper's Hawk, 2; Red-tailed Hawk, 2; Red-shouldered Hawk, 3; Bald Eagle, 1; Marsh Hawk, 3; Sparrow Hawk, 7; Bobwhite, 23; Am. Coot, 20; Killdeer, 9; Herring Gull, 6; Mourning Dove, 2517; Screech Owl, 1; Great Horned Owl, 1; Barred Owl, 3; Belted Kingfisher, 9; Yellow-shafted Flicker, 29; Pileated Woodpecker, 8; Red-bellied Woodpecker, 11; Red-headed Woodpecker, 5; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 15; Downy Woodpecker, 18; Horned Lark, 55; Blue Jay, 47; Common Crow, 150,130 [no details—Ed.]; Carolina Chickadee, 20; Tufted Titmouse, 35; White-breasted Nuthatch, 6; Red-breasted Nuthatch, 1; Brown Creeper, 4; Winter Wren, 4; Bewick's Wren, 3; Carolina Wren, 20; Mockingbird, 21; Robin, 11; Hermit Thrush, 1; Eastern Bluebird, 2; Golden-crowned King-

let, 5; Ruby-crowned Kinglet, 1; Loggerhead Shrike, 3; Starling, 373; Myrtle Warbler, 3; House Sparrow, 154; Eastern Meadowlark, 36; Rusty Blackbird, 10; Common Grackle, 23; Brown-headed Cowbird, 49; Cardinal, 55; Purple Finch, 1; Am. Goldfinch, 12; Rufous-sided Towhee, 9; **Grasshopper Sparrow, 3** (again next day); Slate-colored Junco, 25; Tree Sparrow, 1; Chipping Sparrow, 46; Field Sparrow, 14; White-crowned Sparrow, 33; White-throated Sparrow, 24; Fox Sparrow, 1; Swamp Sparrow, 21; Song Sparrow, 4. **Total,** 71 species; about 155,717 individuals. —King Benson, James Clark, Mrs. Lora Clark, Mrs. Lorain Lett, Mrs. Ross Parsons, W. P. Rhoads (compiler), Frank Sauerheber, C. B. Smith, Virginia Smith, Mrs. George Stanley, Jr., James Stanley, Mrs. Nat Stanley, Sr.

303. Kentucky Woodlands National Wildlife Refuge, Ky. (all points within a 15-mile diameter circle, center same as in previous years).—Dec. 30; 6 a.m. to 4 p.m. Overcast, intermittent light snow; temp. 33° to 41°; wind S to SW, 0-5 m.p.h. Twelve observers in 4 parties. Total party-hours, 20 (14 on foot, 6 by car); total party-miles, 52 (14 on foot, 38 by car). ► Great Blue Heron, 7; Canada Goose, 11,500; Mallard, 9100; Black Duck, 4200; Green-winged Teal, 2; Am. Widgeon, 200; Ring-necked Duck, 300; Turkey Vulture, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 4; Rough-legged Hawk, 2; Bald Eagle, 13; Marsh Hawk, 1; Sparrow Hawk, 2; Bobwhite, 4; Herring Gull, 1; Ring-billed Gull, 54; Mourning Dove, 25; Barred Owl, 3; Belted Kingfisher, 2; Yellow-shafted Flicker, 39; Pileated Woodpecker, 14; Red-bellied Woodpecker, 47; Yellow-bellied Sapsucker, 9; Hairy Woodpecker, 1; Downy Woodpecker, 38; Eastern Phoebe, 1; Blue Jay, 65; Common Crow, 274; Carolina Chickadee, 60; Tufted Titmouse, 70; White-breasted Nuthatch, 16; Brown Creeper, 2; Winter Wren, 3; Carolina Wren, 33; Mockingbird, 12; Robin, 24; Eastern Bluebird, 27; Ruby-crowned Kinglet, 2; Starling, 14; Myrtle Warbler, 39; House Sparrow, 12; Eastern Meadowlark, 45; Redwinged Blackbird, 4; Rusty Blackbird, 21; Cardinal, 230; Purple Finch, 146; Am. Goldfinch, 51; Rufous-sided Towhee, 149; Savannah Sparrow, 4; Slate-colored Junco, 407; Field Sparrow, 5; White-throated Sparrow, 205; Fox Sparrow, 9; Swamp Sparrow, 48; Song Sparrow, 25. **Total,** 56 species; about 27,574 individuals. (Seen in area count period, but not on count day: Blue Goose, Am. Coot, Hooded Merganser, Turkey.)—J. A. Cossey, Hunter M. Hancock (compiler), Kenneth A. Maynard, Cecil E. McCullan, Robert Pace, Clell T. Peterson, William T. Sledd, Paul W. Sturm, William Sturm, Kenneth B. Tennyson, Kenneth W. Tennyson, Gordon Wilson.

304. Kleber Song Bird Sanctuary, Ky. (all points within a 15-mile diameter circle, center in sanctuary as last year; brushy fields 75%, grassy fields 15%, deciduous woods 10%).—Jan. 2; 7:20 a.m. to 4:30 p.m. Cloudy, rainy afternoon; temp. 37° to 48°; wind variable, 2-5 m.p.h.; ground bare, ponds and creeks open. Four observers in 2 parties. Total party-hours, 18 (14 on foot, 4 by car); total party-miles, 34 (10 on foot, 24 by car). ► Cooper's Hawk, 3; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Sparrow Hawk, 1; Killdeer, 2; Mourning Dove, 45; Belted Kingfisher, 4; Yellow-shafted Flicker, 14; Red-bellied Woodpecker, 16; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 21; Eastern Phoebe, 1; Blue Jay, 54; Common Crow, **658**; Carolina Chickadee, 75; Tufted Titmouse, 99; Brown Creeper, 1; Bewick's Wren, 2; Carolina Wren, 34; Mockingbird, 13; Robin, 508; Hermit Thrush, 1; Eastern Bluebird, 47; Golden-crowned Kinglet, 6; Cedar Waxwing, **252**; Starling, 719; Myrtle Warbler, 24; House Sparrow, 112; Eastern Meadowlark, 14; Brown-headed Cowbird, 3; Cardinal, 174; Purple Finch, 63; Am. Goldfinch, 88; Rufous-sided Towhee, 28; Slate-colored Junco, 236; Tree Sparrow, 57; **Chipping Sparrow, 1** (C.W.); Field Sparrow, 6; White-crowned Sparrow, 9; White-throated Sparrow, 21; Fox Sparrow, 1; Swamp Sparrow, 5; Song Sparrow, 74. **Total,** 44 species; about 3499 individuals. (Seen in area count period, but not on count day: Bobwhite.)—Joseph E. Croft, Anne L. Stamm (compiler), Frederick W. Stamm, Conley Webster.

305. Louisville, Ky. (all points within a 15-mile diameter circle, center on Highway 42 one mile southwest of junction of Highways 42 and 22 as last year). —Dec. 27; 5:30 a.m. to 5:30 p.m. Clear a.m., rain p.m.; temp. 51° to 68°; wind SE, 2-10 m.p.h.; Ohio River high, all flowing streams and ponds open. Twenty-three observers in 8 parties. Total party-hours, 47 (31 on foot, 16 by car); total party-miles, 242 (32 on foot, 210 by car). ► Common Loon, 3; Pied-billed Grebe, 4; Black-crowned Night Heron, 30; Mallard, 12; Black Duck, 62; Gadwall, 2; Pintail, 1; Wood Duck, 2; Ring-necked Duck, 22; Canvasback, 25; Lesser Scaup, 100; Hooded Merganser, 8; Common Merganser, 1; Red-breasted Merganser, 2; Turkey Vulture, 8; Black Vulture, 41; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 10; Red-shouldered Hawk, 6; Marsh Hawk, 2; Sparrow Hawk, 28; Bobwhite, 2; Am. Coot, 2; Killdeer, 68; Common Snipe, 2; Herring Gull, 43; Ring-billed Gull, 321; Mourning Dove, 142; Barred Owl, 2; Belted Kingfisher, 5; Yellow-shafted Flicker, 33; Pileated Woodpecker, 4; Red-bellied Woodpecker, 33; Red-headed Woodpecker, 4; Yellow-bellied Sapsucker, 5; Hairy Woodpecker, 8; Downy Woodpecker, 44; Eastern Phoebe, 2; Horned Lark, 93; Blue Jay, 89; Common Crow, 270; Carolina Chickadee, 143; Tufted Titmouse, 131; White-breasted Nuthatch, 14; Red-breasted Nuthatch, 2; Brown Creeper, 5; Winter Wren, 2; Bewick's Wren, 2; Carolina Wren, 85; Mockingbird, 72; Robin, 131; Eastern Bluebird, 52; Golden-crowned Kinglet, 5; Cedar Waxwing, 218; Loggerhead Shrike, 6; Starling, 1,125,000; Myrtle Warbler, 18; House Sparrow, 679; Eastern Meadowlark, 126; Redwinged Blackbird, 25,000; Rusty Blackbird, 35,000; **Brewer's Blackbird, 2** (J.C., A.S., F.S.); Common Grackle, 260,000; Brown-headed Cowbird, 180,000; Cardinal, 579; Purple Finch, 25; Pine Siskin, 24; Am. Goldfinch, 112; Rufous-sided Towhee, 26; Slate-colored Junco, 570; **Oregon Junco, 2**; Tree Sparrow, 77; Field Sparrow, 34; White-crowned Sparrow, 130; White-throated Sparrow, 159; Fox Sparrow, 10; Swamp Sparrow, 44; Song Sparrow, 310; Lapland Longspur, 1. **Total,** 80 species; about

1,630,340 individuals. (Seen in area count period, but not on count day: Green-winged Teal.)—Mr. and Mrs. Yancey Altsheler, Leonard C. Brecher, Floyd S. Carpenter, Joseph E. Croft, Mary Ann Eschrich, Mrs. Charles Horner, Frank X. Krull, Harvey B. Lovell, Mrs. Spencer F. Martin, Esther Mason, Burt L. Monroe, Sr. (compiler), Mrs. H. V. Noland, Louis Pieper, Marie Pieper, Evelyn Schneider, Bernice Shannon, Mabel Slack, Roderic W. Sommers, Anne L. Stamm, Frederick W. Stamm, Mrs. W. B. Tabler, Audrey A. Wright (Beckham Bird Club).

306. Otter Creek Park, Ky. (all points within a 15-mile diameter circle, center as in previous years; deciduous woods 35%, brushy fields 44%, creek and river banks 8%, open fields 13%).—Dec. 23; 7:20 a.m. to 4:30 p.m. Cloudy, rain late afternoon; temp. 29° to 44°. Three observers in 2 parties. Total party-hours, 18 (14 on foot, 4 by car); total party-miles, 34 (13 on foot, 21 by car). ► Canada Goose, 16; Black Duck, 7; Bufflehead, 2; Cooper's Hawk, 3; Red-shouldered Hawk, 3; Sparrow Hawk, 3; Bobwhite, 13; Mourning Dove, 39; Belted Kingfisher, 2; Yellow-shafted Flicker, 23; Pileated Woodpecker, 4; Red-bellied Woodpecker, 6; Yellow-bellied Sapsucker, 5; Hairy Woodpecker, 4; Downy Woodpecker, 11; Blue Jay, **98**; Common Crow, 27; Carolina Chickadee, 51; Tufted Titmouse, 41; White-breasted Nuthatch, 6; Brown Creeper, 4; Carolina Wren, 18; Mockingbird, 6; Robin, 258; Hermit Thrush, 6; Eastern Bluebird, 15; Golden-crowned Kinglet, 6; Ruby-crowned Kinglet, 1; Cedar Waxwing, **518**; Starling, 328; Myrtle Warbler, 46; House Sparrow, 34; Eastern Meadowlark, 16; Cardinal, 101; Purple Finch, 26; Am. Goldfinch, 50; Rufous-sided Towhee, 18; Slate-colored Junco, 141; Tree Sparrow, 3; Field Sparrow, 4; White-throated Sparrow, 23; Fox Sparrow, 1; Swamp Sparrow, 7; Song Sparrow, 43. **Total,** 44 species; about 2037 individuals.—Joseph E. Croft, Anne L. Stamm (compiler), Frederick W. Stamm.

307. Chattanooga, Tenn. (all points within a 15-mile diameter circle, center National Cemetery in city).—Jan. 2; 7:45 a.m. to 5 p.m. Completely overcast, mist to rain p.m.; temp. 38° to 45°; wind SSW, 5-12 m.p.h. Twenty-three observers in 8 parties. Total party-hours, 61 (42 on foot, 19 by car); total party-miles, 349 (33 on foot, 316 by car). ► Horned Grebe, 3; Pied-billed Grebe, 1; Great Blue Heron, 3; Canada Goose, 5; Mallard, 6; Black Duck, 40; Gadwall, 6; Am. Widgeon, 1; Ring-necked Duck, 5; Hooded Merganser, 4; Red-breasted Merganser, 2; Cooper's Hawk, 2; Red-tailed Hawk, 5; Red-shouldered Hawk, 2; **Golden Eagle, 2** (all fields marks—Tucker party); Sparrow Hawk, 14; Bobwhite, 32; Killdeer, 72; Common Snipe, 3; Herring Gull, 9; Ring-billed Gull, 80; Bonaparte's Gull, 7; Mourning Dove, 120; Screech Owl, 1; Belted Kingfisher, 8; Yellow-shafted Flicker, 38; Pileated Woodpecker, 8; Red-bellied Woodpecker, 21; Red-headed Woodpecker, 8; Yellow-bellied Sapsucker, 10; Hairy Woodpecker, 5; Downy Woodpecker, 40; Eastern Phoebe, 3; Blue Jay, 210; Common Crow, 282; Carolina Chickadee, 107; Tufted Titmouse, 148; White-breasted Nuthatch, 35; Brown Creeper, 6; Winter Wren, 8; Bewick's Wren, 6; Carolina Wren, 65; Mockingbird, 117; Brown Thrasher, 16; Robin, 154; Hermit Thrush, 1; Eastern Bluebird, 37; Golden-crowned Kinglet, 5; Ruby-crowned Kinglet, 10; Cedar Waxwing, 626; Loggerhead Shrike, 15; Starling, 1659; Myrtle Warbler, 56; Pine Warbler, 4; House Sparrow, 403; Eastern Meadowlark, 386; Red-winged Blackbird, 384; Rusty Blackbird, 419; Common Grackle, 2; Brown-headed Cowbird, 4; Cardinal, 269; Purple Finch, 52; Am. Goldfinch, 260; Rufous-sided Towhee, 147; Savannah Sparrow, 6; Vesper Sparrow, 10; Slate-colored Junco, 389; Field Sparrow, 187; White-crowned Sparrow, 9; White-throated Sparrow, 343; Fox Sparrow, 8; Swamp Sparrow, 11; Song Sparrow, 172. **Total,** 73 species; about 7594 individuals. (Seen in area count period, but not on count day: Green-winged Teal, Horned Lark.)—Leo Acuff, Mrs. Naomi Banks, Mrs. J. R. Barnwell, Mr. and Mrs. T. S. Barr, Benton Basham, W. K. Butts, R. L. Comstock, Jr. (co-compiler), Mrs. R. L. Comstock, Jr., Gladys Conner, Mrs. Leon F. Cross, Mrs. Hugh Crownover, John Freeman, Billy Griffith, Nat Halverson, Mrs. H. L. Sliger, John Stiles, Mr. and Mrs. James Tucker, Mrs. D. L. Tunsberg, E. M. West, Mrs. E. M. West (compiler), Sara Whitworth (Chattanooga Chapter, T.O.S.).

308. Cookeville, Tenn. (all points within a 15-mile diameter circle, center just northeast of Cookeville).—Dec. 31; 7 a.m. to 5 p.m.; temp. 22° to 42°; wind 2-6 m.p.h. Sixteen observers in 10 parties. Total party-hours, 105; total party-miles, 223 (17 on foot, 206 by car). ► Turkey Vulture, 1; Cooper's Hawk, 1; Red-tailed Hawk, 4; Red-shouldered Hawk, 1; Marsh Hawk, 2; Sparrow Hawk, 1; Bobwhite, 38; Killdeer, 1; Mourning Dove, 200; Belted Kingfisher, 2; Yellow-shafted Flicker, 19; Pileated Woodpecker, 15; Red-bellied Woodpecker, 8; Red-headed Woodpecker, 7; Yellow-bellied Sapsucker, 9; Hairy Woodpecker, 12; Downy Woodpecker, 20; Eastern Phoebe, 2; Horned Lark, 17; Blue Jay, 131; Common Crow, 133; Carolina Chickadee, 50; Tufted Titmouse, 75; White-breasted Nuthatch, 8; Brown Creeper, 1; House Wren, 2; Winter Wren, 1; Bewick's Wren, 7; Carolina Wren, 21; Mockingbird, 60; Brown Thrasher, 3; Robin, 27; Eastern Bluebird, 39; Loggerhead Shrike, 9; Starling, 17,700; Myrtle Warbler, 4; House Sparrow, 125; Eastern Meadowlark, 145; Redwinged Blackbird, 6; Common Grackle, 814; Brown-headed Cowbird, 3; Cardinal, 116; Purple Finch, 22; Am. Goldfinch, 51; Rufous-sided Towhee, 66; Savannah Sparrow, 1; Vesper Sparrow, 49; Slate-colored Junco, 90; Field Sparrow, 137; White-throated Sparrow, 80; Fox Sparrow, 7; Swamp Sparrow, 18; Song Sparrow, 70. **Total,** 53 species; about 20,431 individuals.—Ralph Dunckel, Miser Richmond (compiler) (Upper Cumberland Chapter, T.O.S.).

309. Elizabethton, Tenn. (all points within a 15-mile diameter circle, center Valley Forge; lake borders 5%, stream borders 60%, woodlands 20%, open fields 15%).—Jan. 3; 6 a.m. to 6 p.m. Mostly overcast; temp. 46° to 57°; wind 25-40 m.p.h. Nine observers in 7 parties. Total party-hours, 43 (30 on foot, 13 by car); total party-miles, 128 (24 on foot, 104 by car). ► Mallard, 4; Black Duck, 6; Ring-necked Duck, 1;

Bufflehead, 17; Cooper's Hawk, 1; Sparrow Hawk, 12; Killdeer, 63; Common Snipe, 4; Mourning Dove, 60; Belted Kingfisher, 7; Yellow-shafted Flicker, 6; Pileated Woodpecker, 2; Red-bellied Woodpecker, 1; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 5; Downy Woodpecker, 21; Eastern Phoebe, 3; Horned Lark, 4; Blue Jay, 58; Common Crow, 490; Carolina Chickadee, 65; Tufted Titmouse, 41; White-breasted Nuthatch, 1; Brown Creeper, 3; House Wren, 1; Carolina Wren, 33; Mockingbird, 40; Robin, 56; Eastern Bluebird, 11; Golden-crowned Kinglet, 3; Cedar Waxwing, 54; Loggerhead Shrike, 3; Starling, 514; Myrtle Warbler, 260; House Sparrow, 244; Eastern Meadowlark, 52; Common Grackle, 1; Cardinal, 90; Evening Grosbeak, 14; Purple Finch, 23; Am. Goldfinch, 89; Rufous-sided Towhee, 30; Slate-colored Junco, 134; Field Sparrow, 71; White-crowned Sparrow, 13; White-throated Sparrow, 132; Fox Sparrow, 3; Swamp Sparrow, 2; Song Sparrow, 73. **Total,** 49 species; about 2825 individuals.—Mrs. Roberta Bashor, J. C. Browning, Ralph Bullard, Jr., Ed. Davidson, Kenneth Dubke, Mrs. L. R. Herndon, Lee R. Herndon (compiler), Roby D. May, Frank Ward.

310. Great Smoky Mountains National Park, Tenn.–N. C. (all points within a 15-mile diameter circle, center at junction of Laurel Creek and Bote Mt. truck trail, including Abrams Falls, Laurel Lake, Elkmont, junction of Hazel Creek with Bone Valley Creek; open farmland 15%, old fields 25%, forests 30%, roadsides 20%, stream courses and reservoir 10%).—Jan. 3; 7:30 a.m. to 5:30 p.m. Partly cloudy; temp. 35° to 50°; wind W, 10-15 m.p.h.; ground bare. Thirty-one observers in 11 parties. Total party-hours, 88 (69 on foot, 19 by car); total party-miles, 298 (87 on foot, 211 by car). ► Pied-billed Grebe, 6; Great Blue Heron, 2; Mallard, 60; Black Duck, 17; Ring-necked Duck, 60; Ruddy Duck, 9; Hooded Merganser, 1; Black Vulture, 1; Sharp-shinned Hawk, 1; Red-tailed Hawk, 1; Sparrow Hawk, 10; Ruffed Grouse, 6; Turkey, 5; Am. Coot, 90; Killdeer, 2; Common Snipe, 16; Ring-billed Gull, 1; Mourning Dove, 39; Belted Kingfisher, 15; Yellow-shafted Flicker, 6; Pileated Woodpecker, 34; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 7; Downy Woodpecker, 49; Eastern Phoebe, 14; Blue Jay, 93; Common Crow, 564; Black-capped and Carolina Chickadee, 293; Tufted Titmouse, 115; White-breasted Nuthatch, 9; Red-breasted Nuthatch, 7; Brown Creeper, 19; Winter Wren, 23; Carolina Wren, 63; Mockingbird, 9; Robin, 166; Hermit Thrush, 4; Eastern Bluebird, 54; Golden-crowned Kinglet, 106; Ruby-crowned Kinglet, 2; Cedar Waxwing, 224; Loggerhead Shrike, 5; Starling, 251; Myrtle Warbler, 38; House Sparrow, 96; Eastern Meadowlark, 177; Cardinal, 148; Purple Finch, 47; Pine Siskin, 15; Am. Goldfinch, 135; Rufous-sided Towhee, 31; Savannah Sparrow, 1; Vesper Sparrow, 1; Slate-colored Junco, 545; Field Sparrow, 268; White-throated Sparrow, 280; Fox Sparrow, 12; Swamp Sparrow, 41; Song Sparrow, 274. **Total,** 60 species; about 4570 individuals.—Jane Briscoe, Brockway Crouch, John Elson, Mary Enloe, Mr. and Mrs. Harold C. Garlinghouse, Robert B. Hamilton, David B. Highbaugh, Mrs. Elsie S. Janson, Tony Koella, Beth Lacy, Charles Loveday, Dorothy MacLean, Richard P. Martin, W. T. Martin, J. T. Mengel, Mr. and Mrs. Robert A. Monroe, Anne Moyer, Mrs. E. E. Overton, Paul S. Pardue, Richard W. Russell, Robert R. Scott, Mr. and Mrs. L. F. Smith, Jr., Mr. and Mrs. Arthur Stupka (compilers), Mrs. Thomas C. Swindell, David Tanner, James T. Tanner, James Wardley (T.O.S., National Park Service, guests).

311. Kingsport, Tenn. (all points within a 15-mile diameter circle, center on Pactolus, including southeastern slope of Bays Mt., borders of Boone Lake; open fields 30%, wooded land 40%, borders of lakes and streams 30%).—Dec. 27; 7:30 a.m. to 5 p.m. Overcast; temp. 50° to 67°; no wind. Eight observers in 6 parties. Total party-hours, 32 (32 on foot); total party-miles, 16 (16 on foot). ► Pied-billed Grebe, 2; Great Blue Heron, 2; Mallard, 10; Black Duck, 6; Ring-necked Duck, 4; Lesser Scaup, 7; Common Goldeneye, 2; Turkey Vulture, 7; Cooper's Hawk, 1; Red-tailed Hawk, 1; Sparrow Hawk, 2; Ruffed Grouse, 1; Bobwhite, 20; Killdeer, 8; Common Snipe, 3; Herring Gull, 6; Ring-billed Gull, 14; Mourning Dove, 15; Belted Kingfisher, 3; Yellow-shafted Flicker, 4; Pileated Woodpecker, 3; Red-bellied Woodpecker, 5; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 1; Downy Woodpecker, 13; Eastern Phoebe, 1; Blue Jay, 43; Common Crow, 52; Carolina Chickadee, 65; Tufted Titmouse, 29; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 1; Brown Creeper, 3; Winter Wren, 3; Carolina Wren, 27; Mockingbird, 24; Robin, 48; Hermit Thrush, 1; Eastern Bluebird, 12; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 1; Cedar Waxwing, 13; Starling, 200; Myrtle Warbler, 29; House Sparrow, 98; Eastern Meadowlark, 138; Common Grackle, 200; Cardinal, 31; Purple Finch, 10; Am. Goldfinch, 14; Rufous-sided Towhee, 22; Slate-colored Junco, 45; Field Sparrow, 23; White-crowned Sparrow, 3; White-throated Sparrow, 63; Song Sparrow, 10. **Total,** 56 species; about 1356 individuals. (Seen in area count period, but not on count day: Red-headed Woodpecker.)—Dan, Tommy and Thomas W. Finucane, W. E. Gift, W. B. Hincke, Mrs. W. C. McHorris, Mrs. J. Winston Smith, Mrs. R. M. Switzer (compiler).

312. Knox County, Tenn. (all points within a 15-mile diameter circle, center at junction of Ball Camp Pike and Oak Ridge Highway, including parts of Fort Loudon Lake, Andrew Jackson Lake, western edge of Knoxville; open farmland and old fields 40%, deciduous and pine woodlots 10%, roadsides 30%, river and lakes 20%).—Dec. 27; 7 a.m. to 6 p.m. Partly overcast; temp. 45° to 55°; wind variable, less than 5 m.p.h. Seventeen observers in 9 parties. Total party-hours, 45; total party-miles, 215 (15 on foot, 200 by car). ► Pied-billed Grebe, 1; Great Blue Heron, 19; Blue Goose, 1; Mallard, 4; Wood Duck, 2; Lesser Scaup, 1; Hooded Merganser, 3; Cooper's Hawk, 5; Red-tailed Hawk, 1; Red-shouldered Hawk, 4; Sparrow Hawk, 3; Bobwhite, 16; Killdeer, 171; Common Snipe, 54; Herring Gull, 6; Ring-billed Gull, 123; Mourning Dove, 300; Screech Owl, 2; Great Horned Owl, 1; Barred Owl, 1; Belted Kingfisher, 20; Yellow-shafted Flicker, 23; Pileated Woodpecker, 18; Red-bellied Woodpecker, 23; Yellow-bellied Sap-

sucker, 12; Hairy Woodpecker, 3; Downy Woodpecker, 43; Eastern Phoebe, 5; Horned Lark, 6; Blue Jay, 300; Common Crow, 557; Carolina Chickadee, 284; Tufted Titmouse, 173; White-breasted Nuthatch, 6; Brown Creeper, 8; Winter Wren, 1; Bewick's Wren, 1; Carolina Wren, 220; Mockingbird, 250; Brown Thrasher, 4; Robin, 206; Eastern Bluebird, 25; Golden-crowned Kinglet, 16; Cedar Waxwing, 80; Loggerhead Shrike, 10; Starling, 3350; Myrtle Warbler, 78; Palm Warbler, 1; House Sparrow, 113; Eastern Meadowlark, 225; Redwinged Blackbird, 1; Rusty Blackbird, 10; Common Grackle, 154; Brown-headed Cowbird, 12; Cardinal, 280; Purple Finch, 60; Am. Goldfinch, 174; Rufous-sided Towhee, 150; Savannah Sparrow, 10; Vesper Sparrow, 4; Slate-colored Junco, 235; Field Sparrow, 226; White-crowned Sparrow, 7; White-throated Sparrow, 325; Fox Sparrow, 1; Swamp Sparrow, 11; Song Sparrow, 262. **Total,** 67 species; about 8701 individuals.—John Elson, Mary Enloe (compiler), Kay Garlinghouse, Harold Garlinghouse, Quincey Gorman, Dave Highbaugh, Tony Koella, Beth Lacy, Charles Loveday, Muriel Monroe, Robert A. Monroe, Holly Overton, Paul Pardue, Mabel Sanders, James T. Tanner, Dorothy Williams, Jim Wordley (Knoxville Chapter, T.O.S.).

313. Memphis, Tenn. (all points within a 15-mile diameter circle, center Highland Heights, about same as in 1953; wooded bottomlands 30%, deciduous woods, city parks, cemeteries 22%, pastures, airfields, farms 20%, suburban roadsides 25%, river edge 3%). —Dec. 27; 7 a.m. to 5 p.m. Light to heavy rain; temp. 59° to 63°; wind SSW, 12-30 m.p.h. Twenty-eight observers in 7 parties. Total party-hours, 80 (60 on foot, 20 by car); total party-miles, 195 (55 on foot, 140 by car). ► Great Blue Heron, 1; Blue Goose, 2; Mallard, 28; Lesser Scaup, 56; Red-tailed Hawk, 26; Red-shouldered Hawk, 1; Marsh Hawk, 9; Sparrow Hawk, 13; Bobwhite, 147; Killdeer, 57; Common Snipe, 23; **Spotted Sandpiper, 1** (present since Dec. 17—B. and J.L.); Herring Gull, 3; Ring-billed Gull, 100; Mourning Dove, 110; Barn Owl, 1; Screech Owl, 1; Great Horned Owl, 1; Belted Kingfisher, 4; Yellow-shafted Flicker, 129; **Red-shafted Flicker, 1** (also before and after count—B.C.); Pileated Woodpecker, 3; Red-bellied Woodpecker, 58; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 16; Hairy Woodpecker, 11; Downy Woodpecker, 55; Eastern Phoebe, 1; Horned Lark, 208; Blue Jay, 312; Common Crow, 76; Carolina Chickadee, 126; Tufted Titmouse, 48; White-breasted Nuthatch, 2; Brown Creeper, 6; Winter Wren, 9; Bewick's Wren, 2; Carolina Wren, 124; Mockingbird, 164; Brown Thrasher, 6; Robin, 860; Hermit Thrush, 13; Golden-crowned Kinglet, 33; Ruby-crowned Kinglet, 23; Water Pipit, 4; Cedar Waxwing, 17; Loggerhead Shrike, 13; Starling, 100,000; Myrtle Warbler, 35; House Sparrow, 1752; Eastern Meadowlark, 425; Western Meadowlark, 5; Redwinged Blackbird, 250,000; Rusty Blackbird, 14; Brewer's Blackbird, 25; Common Grackle, 150,000; Brown-headed Cowbird, 200,000; Cardinal, 658; Purple Finch, 44; Am. Goldfinch, 206; Rufous-sided Towhee, 73; Savannah Sparrow, 35; Slate-colored Junco, 860; Field Sparrow, 201; White-crowned Sparrow, 27; White-throated Sparrow, 1519; Fox Sparrow, 107; Swamp Sparrow, 83; Song Sparrow, 271; Lapland Longspur, 25. **Total,** 70 species; about 709,270 individuals.—John T. Bigham, Mr. and Mrs. Ben B. Coffey, Jr. (compilers), Mary Davant, Mrs. Henry Dinkelspiel, John H. Embury, Jr., Earl Fuller, Oliver F. Irwin, Mrs. Burt Johnson, Luther F. Keeton, Edward M. King, Prof. and Mrs. J. H. Lovell, Mrs. J. H. McWhorter, Nelle Moore, Maria Osorio, Katheryn Paullus, S. J. Rini, Glynn Roehr, Mrs. Henry A. Schiller, Alice Smith, Mrs. Arlo I. Smith, Lynn Smith, R. Demett Smith, Jr., Steve Smith, Mrs. M. L. Torti, Mr. and Mrs. C. E. Wilmeth.

314. Nashville, Tenn. (all points within a 15-mile diameter circle, center at Harding Station on Highway 70 as in past 9 years).—Dec. 27; 6:30 a.m. to 4 p.m. Continuous light rain after 9:30 a.m.; temp. 56° to 60°; wind light; ground bare. Twenty-eight observers in 9 parties. Total party-hours, 63 (27 on foot, 36 by car); total party-miles, 160 (22 on foot, 138 by car). ► Great Blue Heron, 4; Black-crowned Night Heron, 23; Mallard, 39; Canvasback, 9; Lesser Scaup, 51; Ruddy Duck, 1; Turkey Vulture, 3; Black Vulture, 9; Red-tailed Hawk, 15 (1 Krider's); Red-shouldered Hawk, 6; **Rough-legged Hawk, 1**; Marsh Hawk, 2; Sparrow Hawk, 39; Bobwhite, 29; Am. Coot, 1; Killdeer, 117; Common Snipe, 2; Mourning Dove, 68; Screech Owl, 3; Great Horned Owl, 3; Barred Owl, 2; Belted Kingfisher, 21; Yellow-shafted Flicker, 80; Pileated Woodpecker, 11; Red-bellied Woodpecker, 41; Red-headed Woodpecker, 4; Yellow-bellied Sapsucker, 9; Hairy Woodpecker, 11; Downy Woodpecker, 68; Eastern Phoebe, 1; Horned Lark, 16; Blue Jay, 100; Common Crow, 800 (500 at roost); Carolina Chickadee, 195; Tufted Titmouse, 130; White-breasted Nuthatch, 2; **Red-breasted Nuthatch, 1**; Brown Creeper, 5; Winter Wren, 1; Bewick's Wren, 8; Carolina Wren, 74; Mockingbird, 188; Brown Thrasher, 1; Robin, 37 (rare this winter); Eastern Bluebird, 148; Golden-crowned Kinglet, 7; Ruby-crowned Kinglet, 1; Cedar Waxwing, 26; Loggerhead Shrike, 21; Starling, 5000 (2000 at roost); Myrtle Warbler, 112; **Palm Warbler, 4** (together); House Sparrow, 275; Eastern Meadowlark, 272; Redwinged Blackbird, 27; **Brewer's Blackbird, 4**; Cardinal, 466; Purple Finch, 46; Pine Siskin, 1; Am. Goldfinch, 128; Rufous-sided Towhee, 70; Savannah Sparrow, 2; Slate-colored Junco, 320; Field Sparrow, 137; White-crowned Sparrow, 59; White-throated Sparrow, 178; Fox Sparrow, 6; Swamp Sparrow, 17; Song Sparrow, 131. **Total,** 70 species; about 9689 individuals.—Mr. and Mrs. B. H. Abernathy, Mr. and Mrs. Joe Bailey, Mr. and Mrs. W. Bell, Earl Bishop, Mrs. Mark Bradford, Jr., Ruth Castles, Mrs. W. O. Collins, Mrs. Leon DeBrohun, John O. Ellis, Mr. and Mrs. Lynn Farrar, Louis Farrell, Jr., Louis Farrell III, Mary W. Frazer, Albert F. Ganier (compiler), J. P. Jones, Will T. Hon, G. R. Mayfield, Alan Monroe, John Ogden, Henry Parmer, Mr. and Mrs. C. E. Rhur, Jeanie Riggs, Paul Stumpf, Jr., L. O. and Anne Trabue, Michael Tine (Nashville Chapter, T.O.S.).

315. Reelfoot Lake, Tenn. (all points within a 15-mile diameter circle, center Reelfoot Lake; lake 20%, marsh 5%, deciduous woods 45%, field and

farm 18%, roadside 12%).—Jan. 2; 7:30 a.m. to 3:30 p.m. Heavy overcast, rain; temp. 39° to 42°; wind SE, 5-10 m.p.h. Five observers in 2 parties. Total party-hours, 17 (7 on foot, 2 by car, 8 by boat); total party-miles, 85 (12 on foot, 58 by car, 15 by boat). ► Double-crested Cormorant, 3; Great Blue Heron, 2; Canada Goose, 9675; Mallard, 38,850; Black Duck, 1000; Gadwall, 9600; Pintail, 2000; Green-winged Teal, 100; Am. Widgeon, 6500; Shoveler, 1000; Wood Duck, 100; Redhead, 5; Ring-necked Duck, 8500; Canvasback, 400; Lesser Scaup, 600; Common Goldeneye, 100; Bufflehead, 250; Ruddy Duck, 250; Hooded Merganser, 40; Common Merganser, 25; Black Vulture, 7; Cooper's Hawk, 1; Red-tailed Hawk, 9; Red-shouldered Hawk, 2; Golden Eagle, 2 [no details—Ed.]; Bald Eagle, 4; Marsh Hawk, 3; Sparrow Hawk, 3; Am. Coot, 750; Killdeer, 1; Herring Gull, 1; Ring-billed Gull, 2; Mourning Dove, 1; Barred Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 10; Pileated Woodpecker, 4; Red-bellied Woodpecker, 5; Hairy Woodpecker, 1; Downy Woodpecker, 3; Eastern Phoebe, 1; Blue Jay, 14; Common Crow, 500; Carolina Chickadee, 18; Tufted Titmouse, 6; White-breasted Nuthatch, 1; Brown Creeper, 1; Bewick's Wren, 1; Carolina Wren, 6; Mockingbird, 2; Robin, 8; Golden-crowned Kinglet, 20; Ruby-crowned Kinglet, 2; Loggerhead Shrike, 5; Starling, 900,000; Myrtle Warbler, 1; House Sparrow, 1; Eastern Meadowlark, 70; Redwinged Blackbird, 1,800,000; Common Grackle, 90,000; Brown-headed Cowbird, 210,000; Cardinal, 148; Am. Goldfinch, 25; Slate-colored Junco, 140; Swamp Sparrow, 1; Song Sparrow, 2. **Total,** 66 species; about 3,080,784 individuals.—John R. Conder (compiler), Hunter M. Hancock, Preston Lane, Clell T. Peterson, James Wilke.

316. Birmingham, Ala. (all points within a 15-mile diameter circle, center in New Merkel as in past 24 years, including areas between East Lake, Oak Mountain, Roberts Field, Lake Purdy; woodland borders 25%, oak-pine woods 17%, residential 15%, lakes and ponds 11%, hardwoods 11%, pastures, airports, golf courses 11%, tall grass 10%).—Dec. 26; 6 a.m. to 5 p.m. Overcast, clearing somewhat late afternoon; temp. 53° to 66°; wind SE, 5-18 m.p.h. Seventeen observers in 7 parties. Total party-hours, 62 (48 on foot, 14 by car); total party-miles, 267 (40 on foot, 227 by car). ► Common Loon, 2; Pied-billed Grebe, 27; Black Duck, 1; Gadwall, 1; Redhead, 5; Ring-necked Duck, 24; Canvasback, 25; Lesser Scaup, 39; Ruddy Duck, 4; Turkey Vulture, 4; Sharp-shinned Hawk, 2; Cooper's Hawk, 3; Red-tailed Hawk, 2; Red-shouldered Hawk, 3; Marsh Hawk, 1; Sparrow Hawk, 6; Bobwhite, 34; Am. Coot, 575; Killdeer, 183; **Am. Woodcock, 3** (2 parties); Common Snipe, 26; Herring Gull, 1; Mourning Dove, 191; Screech Owl, 1; Barred Owl, 1; owl (sp.), 1; Belted Kingfisher, 11; Yellow-shafted Flicker, 71; Pileated Woodpecker, **26**; Red-bellied Woodpecker, 39; Red-headed Woodpecker, 12; Yellow-bellied Sapsucker, **23**; Hairy Woodpecker, 9; Downy Woodpecker, 54; Red-cockaded Woodpecker, 3; Eastern Phoebe, 9; Horned Lark, 10 (T.I., G.C.); Blue Jay, 142; Common Crow, 99; Carolina Chickadee, 160; Tufted Titmouse, 125; White-breasted Nuthatch, 49; Red-breasted Nuthatch, 3; Brown-headed Nuthatch, 34; Brown Creeper, 13; House Wren, 2; Winter Wren, 11; Bewick's Wren, 2; Carolina Wren, 93; Short-billed Marsh Wren, **6**; Mockingbird, 233; Catbird, 1; Brown Thrasher, 36; Robin, 344; Hermit Thrush, 13; Eastern Bluebird, 76; Golden-crowned Kinglet, 85; Ruby-crowned Kinglet, 56; Water Pipit, 46; Cedar Waxwing, 90; Loggerhead Shrike, 23; Starling, 5114+; Myrtle Warbler, **20** (lowest in 6 years); Pine Warbler, 31; Palm Warbler, 1; Yellowthroat, 1; House Sparrow, 402+; Eastern Meadowlark, 489; **Western Meadowlark, 1** (first count record—T.I., G.C.); Redwinged Blackbird, 861; Rusty Blackbird, 163; Common Grackle, 162; Brown-headed Cowbird, 336; Cardinal, 270; Purple Finch, 49; Am. Goldfinch, 400; Rufous-sided Towhee, 275; Savannah Sparrow, 101; **Grasshopper Sparrow, 1** (T.I.); **Le Conte's Sparrow, 2** (T.I.); Vesper Sparrow, 11; Bachman's Sparrow, 2; Slate-colored Junco, 668; Chipping Sparrow, 86; Field Sparrow, **733**; White-throated Sparrow, 778; Fox Sparrow, 34; Swamp Sparrow, 181; Song Sparrow, 195; **Lapland Longspur, 25** (flock seen well by F.C.). **Total,** 89 species; about 14,566 individuals.—Frederick T. Carney, Blanche H. Chapman, Mrs. Harvey Copeland, Gene Crutcher, F. Bozeman Daniel, Mildred Ferris, Emmie Lou Grimley, Malcolm E. Harden, Jr., Daniel C. Holliman, Thomas A. Imhof (compiler), Morton H. Perry, Robert Perry, Grace M. Snead, Idalene F. Snead, Alfred A. Walker, Jr., Adele West, Eugene M. West (Birmingham Audubon Society).

317. Dauphin Island, Ala. (all points within a 15-mile diameter circle, center on southern tip of Mon Luis Isle and including Cedar Point, Coden, Bayou La Batre, Bellingrath Gardens, all but westernmost 4 miles of Dauphin Island; pine-hardwoods 37%, pine woods 16%, residential 14%, mud, sand, and shell flats 14%, sheltered salt water 8%, salt marsh 5%, fresh marsh 4%, farms 2%).—Jan. 2; 5:50 a.m. to 5 p.m. Drizzly to rainy, fog, visibility on land 1 mile, water 100 yards; temp. 55° to 66°; wind SE, 5-20 m.p.h.; storm of Dec. 31-Jan. 1 drove shrimp boat on beach; conditions for observing water birds very poor. Nine observers in 4 parties. Total party-hours, 37 (23 on foot, 14 by car); total party-miles, 217 (23 on foot, 194 by car). ► Common Loon, 17; Horned Grebe, 24; Pied-billed Grebe, 6; Brown Pelican, 1; Double-crested Cormorant, 884+; Great Blue Heron, 13; Common Egret, 1; Blue Goose, 13; Am. Widgeon, 2; Shoveler, 1; Lesser Scaup, 80; Common Goldeneye, 29; **Common Merganser, 1** (male—T.I.); Red-breasted Merganser, 17; Turkey Vulture, 1; Black Vulture, 3; Red-tailed Hawk, 1; Red-shouldered Hawk, 2; **Broad-winged Hawk, 1** (adult—A.T., D.H.); Marsh Hawk, 2; Peregrine Falcon, 1; Pigeon Hawk, 1; Sparrow Hawk, 31; Bobwhite, 10; Clapper Rail, 15; Virginia Rail, **8**; Sora, **15**; Am. Oystercatcher, 2; Semipalmated Plover, 48; Piping Plover, 62; Snowy Plover, 2; Killdeer, 6; Black-bellied Plover, 41; Ruddy Turnstone, 63+; Willet, 18; Greater Yellowlegs, 10; Lesser Yellowlegs, 2; **Knot, 6**; **Pectoral Sandpiper, 1** (carefully identified—A.T.); Least Sandpiper, 5; Dunlin, 139; Short-billed Dowitcher, 45; Semipalmated Sandpiper, 3; Western Sandpiper, 51; Sanderling, 42; Herring Gull, 61; Ring-billed Gull, 174; Laughing Gull, 48;

Bonaparte's Gull, 10; Forster's Tern, 8; Royal Tern, 20; Caspian Tern, 31; Mourning Dove, 13; Barn Owl, **4** (3 parties); Barred Owl, 1; **Chuck-will's-widow, 1** (carefully identified—A.T., D.H.); **Whip-poor-will, 3** (J.D., M.G.); Belted Kingfisher, 42; Yellow-shafted Flicker, 35; Red-bellied Woodpecker, 35; Yellow-bellied Sapsucker, 14; Hairy Woodpecker, 2; Downy Woodpecker, 7; Eastern Phoebe, 19; Tree Swallow, 716; **Rough-winged Swallow, 2** (T.I.); Blue Jay, 102; Common Crow, 6; Fish Crow, 81; Carolina Chickadee, 26; Tufted Titmouse, 40; Red-breasted Nuthatch, **6**; Brown-headed Nuthatch, 37; Brown Creeper, 2; House Wren, 18; Winter Wren, 6; Carolina Wren, 47; Long-billed Marsh Wren, **33**; Short-billed Marsh Wren, 38; Mockingbird, 94; Catbird, 3; Brown Thrasher, 60; Robin, 950+; Hermit Thrush, 3; Eastern Bluebird, 62; Blue-gray Gnatcatcher, 20; Golden-crowned Kinglet, **54**; Ruby-crowned Kinglet, 54; Cedar Waxwing, 2; Loggerhead Shrike, 24; Starling, 20; Solitary Vireo, 2; Orange-crowned Warbler, 25; **Parula Warbler, 1** (male—T.I.); Myrtle Warbler, 500+; Pine Warbler, 19; Yellowthroat, 10; House Sparrow, 30; Eastern Meadowlark, 43; Red-winged Blackbird, 875; Rusty Blackbird, 10; Brewer's Blackbird, 45 (J.D.); Common Grackle, 1000+; Brown-headed Cowbird, 27; Cardinal, 120; Purple Finch, 1; Am. Goldfinch, 50; Rufous-sided Towhee, 165; Savannah Sparrow, 5; Sharp-tailed Sparrow, **34**; Seaside Sparrow, 12; Bachman's Sparrow, 2; Slate-colored Junco, 4; Field Sparrow, 8; White-throated Sparrow, 379; Swamp Sparrow, 122; Song Sparrow, 4. **Total,** 117 species; about 8253 individuals. (Seen in area count period, but not on count day: **Eared Grebe,** White Pelican, Louisiana Heron, Redhead, Greater Scaup, Common Snipe, Common Tern, Sandwich Tern, Burrowing Owl.)—Michael E. Caldwell, Rev. J. L. Dorn, M. Wilson Gaillard, Ernest R. Hartman, Daniel C. Holliman, Thomas A. Imhof (compiler), Joseph A. Imhof, Robert J. Newman, Ava Tabor.

318. Mobile, Ala. (all points within a 15-mile diameter circle, center at Providence St. and Old Shell Road, including Causeway, Mobile Bay, Mobile and suburbs, Spring Hill College Campus, Overlook Nursery, Municipal Park; river, bay, ponds 25%, marshlands and beaches 25%, upland deciduous and evergreen woods 25%, thickets, pastures, roadsides 15%, cultivated fields, nursery fields, golf courses 10%).—Dec. 28; 8:30 a.m. to 6 p.m. Cloudy early, then clear; temp. 49° to 60°; wind NW, 5-15 m.p.h.; low tide most favorable for many species. One observer. Total hours, 9½ (6 on foot, 3½ by car); total miles, 50 (11 on foot, 39 by car). ► Common Loon, 3; Horned Grebe, 15; Pied-billed Grebe, 5; White Pelican, 1; Double-crested Cormorant, 17; Great Blue Heron, 17; Little Blue Heron, 8; **Reddish Egret,** 1; Common Egret, 21; Snowy Egret, **27**; **Black-crowned Night Heron,** 1; Am. Bittern, 1; Blue Goose, 2; Mallard, 16; Black Duck, 45; Mottled Duck, 3; Gadwall, 826; Pintail, 412; Green-winged Teal, 4; Blue-winged Teal, 19; Redhead, 2; Ring-necked Duck, 25; Canvasback, 374; Greater Scaup, 3; Lesser Scaup, 1511; Ruddy Duck, 2; Hooded Merganser, **23**; Red-breasted Merganser, 12; Turkey Vulture, 2; Black Vulture, 9; Cooper's Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 2; Bald Eagle, 1; Marsh Hawk, 2; Pigeon Hawk, 1; Sparrow Hawk, 5; Bobwhite, 16; King Rail, 2; Clapper Rail, 3; Sora, 1; Common Gallinule, 11; Am. Coot, 1734; Semipalmated Plover, 47; Piping Plover, 2; Killdeer, 35; Black-bellied Plover, 7; Am. Woodcock, 1; Common Snipe, 4; Greater Yellowlegs, 1; Least Sandpiper, 28; Dunlin, 252; Short-billed Dowitcher, 2; Semipalmated Sandpiper, 76; Western Sandpiper, 29; Sanderling, 39; **Great Black-backed Gull,** 1 (all field marks in perfect light); Herring Gull, 196; Ring-billed Gull, 962; Laughing Gull, 631; Bonaparte's Gull, 3; Forster's Tern, 257; Common Tern, 3; Royal Tern, 2; Caspian Tern, 9; Black Skimmer, 67; Mourning Dove, 104; Ground Dove, 3; Barn Owl, 2; Screech Owl, 1; Barred Owl, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 21; Red-bellied Woodpecker, 8; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 3; Downy Woodpecker, 5; Eastern Phoebe, 3; Tree Swallow, 25; Blue Jay, 37; Common Crow, 114; Fish Crow, 22; Carolina Chickadee, 3; Tufted Titmouse, 25; Brown Creeper, 1; House Wren, 2; Bewick's Wren, 1; Carolina Wren, 16; Long-billed Marsh Wren, 4; Short-billed Marsh Wren, 2; Mockingbird, 22; Catbird, 1; Brown Thrasher, 19; Robin, 516; Hermit Thrush, 2; Eastern Bluebird, 3; Blue-gray Gnatcatcher, 5; Golden-crowned Kinglet, 24; Ruby-crowned Kinglet, 52; Water Pipit, 30; Cedar Waxwing, 11; Loggerhead Shrike, 5; Starling, 809; White-eyed Vireo, 2; Solitary Vireo, 6; Orange-crowned Warbler, 17; Myrtle Warbler, 75; Pine Warbler, 51; Palm Warbler, 6; Yellowthroat, 3; **Yellow-breasted Chat,** 1; House Sparrow, 135; Eastern Meadowlark, 41; Redwinged Blackbird, 831; Rusty Blackbird, 27; Brewer's Blackbird, 36; Boat-tailed Grackle, 52; Common Grackle, 1127; Brown-headed Cowbird, 61; Cardinal, 24; Purple Finch, 4; Am. Goldfinch, 17; Rufous-sided Towhee, 29; Savannah Sparrow, 260; Sharp-tailed Sparrow, 3; Seaside Sparrow, 2; Vesper Sparrow, 34; Bachman's Sparrow, 1; Slate-colored Junco, 2; Chipping Sparrow, 114; Field Sparrow, 62; White-throated Sparrow, 878; Swamp Sparrow, 3; Song Sparrow, 6. **Total,** 134 species; about 13,658 individuals. (Seen in area count period, but not on count day: Am. Widgeon, Virginia Rail, Le Conte's Sparrow; not one Brown Pelican observed count period!)—Rev. J. L. Dorn.

319. Jackson, Miss. (all points within a 15-mile diameter circle, center intersection of Berry St. and Gault St.; deciduous bottomland 10%, hardwood upland 10%, pine forest 4%, mixed conifers and hardwoods 18%, parks and cemeteries 5%, pastures and weedy fields 40%, wooded lakes 3%, open lakes 4%, marsh 1%, residential 5%).—Jan. 2; 6:30 a.m. to 5 p.m. Fog early, heavy overcast with intermittent light and heavy showers rest of day; temp. 45° to 58°; wind SE, 5-15 m.p.h. Nine observers in 3 parties. Total party-hours, 28 (19 on foot, 9 by car); total party-miles, 110 (10 on foot, 100 by car). ► Pied-billed Grebe, 20; Great Blue Heron, 2; Common Egret, 2; Mallard, 8; Wood Duck, 2; Ring-necked Duck, 10; Lesser Scaup, 50; Bufflehead, 3; Ruddy Duck, 4; Turkey Vulture, 5; Black Vulture, 5; Red-tailed Hawk, 7; Red-shouldered Hawk, 3; Marsh Hawk, 5; Sparrow Hawk, 7; Bobwhite, 42; Am. Coot, 1; Killdeer, 46; Common

Snipe, 2; Mourning Dove, 107; Great Horned Owl, 1; **Burrowing Owl, 1** (Goodpasture party); Barred Owl, 4; Belted Kingfisher, 10; Yellow-shafted Flicker, 50; Pileated Woodpecker, 3; Red-bellied Woodpecker, 24; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 14; Hairy Woodpecker, 2; Downy Woodpecker, 11; Eastern Phoebe, 2; **Say's Phoebe, 1** (collected, first Miss. record); Blue Jay, 91; Common Crow, 35; Carolina Chickadee, 24; Tufted Titmouse, 21; White-breasted Nuthatch, 3; Red-breasted Nuthatch, 3; Brown-headed Nuthatch, 1; Brown Creeper, 1; Winter Wren, 3; Bewick's Wren, 1; Carolina Wren, 31; Mockingbird, 55; Brown Thrasher, 24; Robin, 29; Hermit Thrush, 5; Eastern Bluebird, 25; Golden-crowned Kinglet, 48; Ruby-crowned Kinglet, 21; Water Pipit, 3; Cedar Waxwing, 19; Loggerhead Shrike, 18; Starling, 306; Myrtle Warbler, 15; Pine Warbler, 12; Yellowthroat, 2; House Sparrow, 92; Eastern Meadowlark, 195; Redwinged Blackbird, 31,-032; Rusty Blackbird, 2; Common Grackle, 954; Brown-headed Cowbird, 885; blackbirds and Starlings entering roost, **500,000**; Cardinal, 175; Purple Finch, 10; Am. Goldfinch, 81; Rufous-sided Towhee, 60; Savannah Sparrow, 165; Le Conte's Sparrow, 1; Vesper Sparrow, 12; Slate-colored Junco, 40; Chipping Sparrow, 6; Field Sparrow, 76; White-throated Sparrow, 115; Fox Sparrow, 6; Swamp Sparrow, 19; Song Sparrow, 18. **Total,** 78 species; about 535,195 individuals.—Christine Berry, Frances Cook, B. E. Gandy (compiler), Bill Gill, Katie Gill, Ernest Goodpasture, Katherine Goodpasture, W. H. Turcotte, Mrs. W. G. Wills.

320. Natchez, Miss. (all points within a 15-mile diameter circle, center Pine Ridge Rd. at north city limits; 1955 area plus Lower Woodville Rd.; deciduous woods 40%, pines 15%, pastures and airfields 22%, roadsides and weedy fields 18%, river-front 5%).—Jan. 3; 7 a.m. to 5:30 p.m. Partly cloudy; temp. 41° to 48°; wind S, 0-7 m.p.h. Three observers in 1-2 parties. Total party-hours, 14 (8 on foot, 6 by car); total party-miles, 43 (8 on foot, 35 by car). ► Pied-billed Grebe, 1; Great Blue Heron, 1; Ruddy Duck, 1; Turkey Vulture, 7; Black Vulture, 38; Cooper's Hawk, 1; Red-tailed Hawk, 10; Red-shouldered Hawk, 1; Sparrow Hawk, 13; Bobwhite, 11; Killdeer, 142; Am. Woodcock, 1; Common Snipe, 3; Ring-billed Gull, 5; Mourning Dove, 3; Screech Owl, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 38; Pileated Woodpecker, 2; Red-bellied Woodpecker, 36; Red-headed Woodpecker, 47; Yellow-bellied Sapsucker, 6; Hairy Woodpecker, 5; Downy Woodpecker, 11; Eastern Phoebe, 4; Blue Jay, 141+; Common Crow, 78; Carolina Chickadee, 30; Tufted Titmouse, 11; Winter Wren, 2; Carolina Wren, 74; Mockingbird, 37; Brown Thrasher, 28; Robin, 17; Hermit Thrush, 9; Eastern Bluebird, 4; Golden-crowned Kinglet, 10; Ruby-crowned Kinglet, 32; Sprague's Pipit, 5; Cedar Waxwing, 106; Loggerhead Shrike, 25; Starling, 1360; Orange-crowned Warbler, 4; Myrtle Warbler, 120; Pine Warbler, 1; House Sparrow, 74; Eastern Meadowlark, 201; Redwinged Blackbird, 18; Common Grackle, 5005; Cardinal, 221; Purple Finch, 7; Am. Goldfinch, 38; Rufous-sided Towhee, 46; Savannah Sparrow, 62; Slate-colored Junco, 30; Chipping Sparrow, 2; Field Sparrow, 63; White-crowned Sparrow, 2; White-throated Sparrow, 412; Fox Sparrow, 25; Swamp Sparrow, 31; Song Sparrow, 14. **Total,** 62 species; about 8736 individuals.—Mr. and Mrs. Ben B. Coffey, Jr. (compilers), Alice Smith.

321. Almont, Mich. (all points within a 15-mile diameter circle, center on Mack and Fisher Roads in Macomb Co., circumference touching Dryden Rd. on north, Twenty-seven Mile Rd. on south, Coon Creek Rd. on east, Delano Rd. on west; town suburbs 5%, abandoned brush-covered fields 15%, lakes 5%, open farmland 30%, roadside borders 45%).—Dec. 26; 8 a.m. to 5 p.m. Dense fog and rain; temp. 34° to 36°; wind W, 2 m.p.h. Two observers in 1 party. Total party-hours, 18 (3 on foot, 15 by car); total party-miles, 113 (6 on foot, 107 by car). ► Rough-legged Hawk, 1; Ring-necked Pheasant, 32; Mourning Dove, 24; Downy Woodpecker, 7; Blue Jay, 13; Black-capped Chickadee, 43; White-breasted Nuthatch, 15; Golden-crowned Kinglet, 1; Starling, 22; House Sparrow, 57; Cardinal, 15; Am. Goldfinch, 15; Slate-colored Junco, 3; Tree Sparrow, 60; Song Sparrow, 1. **Total,** 15 species; about 309 individuals.—Harold Carpenter, James P. Smith (compiler).

322. Ann Arbor, Mich. (all points within a 15-mile diameter circle, center same as previous counts; bottomlands and river edge 20%, deciduous woodlots 25%, coniferous plantations 10%, fields and roadsides 40%, tamarack and sphagnum bogs 5%).—Jan. 3; 7:30 a.m. to 5 p.m. Mostly cloudy, some snow; temp. 25° to 38°; wind W, 20 m.p.h.; lakes frozen, river open. Twenty-five observers in 6 parties. Total party-hours, 47 (26 on foot, 21 by car); total party-miles, 257 (27 on foot, 230 by car). ► Black Duck, 33; Common Goldeneye, 9; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 19; Red-shouldered Hawk, 4; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 8; Bobwhite, 10; Ring-necked Pheasant, 25; Ring-billed Gull, 1; Mourning Dove, 41; Belted Kingfisher, 1; Red-bellied Woodpecker, 4; Red-headed Woodpecker, 5; Hairy Woodpecker, 5; Downy Woodpecker, 30; Horned Lark, 70; Blue Jay, 64; Common Crow, 5; Black-capped Chickadee, 116; Tufted Titmouse, 42; White-breasted Nuthatch, 46; Red-breasted Nuthatch, 2; Brown Creeper, 8; Robin, 4; Golden-crowned Kinglet, 5; Cedar Waxwing, 23; Starling, 553; Myrtle Warbler, 1; House Sparrow, 1400; Cardinal, 101; Purple Finch, 32; Am. Goldfinch, 67; Red Crossbill, 14; Slate-colored Junco, 109; Tree Sparrow, 53; **White-throated Sparrow, 1**; **Fox Sparrow, 1**; Song Sparrow, 6; **Snow Bunting, 1. Total,** 42 species; about 2923 individuals.—E. J. Allmendinger, Mrs. E. J. Allmendinger, Jane Bishop, Dorothy Blanchard, Ward Bouwsma, Velma Coyne, Mary Foucht, Carl Freeman, Fleur Grandjouan (compiler), Sue Hazen, William F. Hopkins, Charles Hubbell, Maxine Miles, Vaden W. Miles, Alice Mulchahey, Roy Pierce, Harvey Pohnert, Mrs. Harvey Pohnert, Louise Ritsema, Sol Schwartz, Mrs. Sol Schwartz, Ann Sleight, William B. Stapp, Heather G. Thorpe, H. B. Tordoff.

323. Bangor–South Haven, Mich. (all points within a 15-mile diameter circle, center ½ mile NW of Bangor; 2 miles east of Bangor, southwest to Van

Auken Lake, northwest to Palisades Park, north along Lake Michigan to South Haven, northeast to Allegan Co. line, southeast to Bangor; open farmland 50%, upland woods 20%, lowland woods 10%, fencerows 5%, lake and shore 5%, marsh 5%, village 5%).—Dec. 28; 7:30 a.m. to 5:30 p.m. Overcast, sporadic rain; temp. 48° to 40°; wind E, 0-10 m.p.h.; no snow cover, all lakes open. Two observers in 1 party. Total party-hours, 10 (7 on foot, 3 by car); total party-miles, 56 (8 on foot, 48 by car). ► **Horned Grebe, 1** (carefully identified); Lesser Scaup, 1; Common Goldeneye, 14; **Hooded Merganser, 3**; Red-breasted Merganser, 20; Red-tailed Hawk, 1; Ruffed Grouse, 1; Ring-necked Pheasant, 1; Herring Gull, 110; Ring-billed Gull, 15; Screech Owl, 1; Great Horned Owl, 1; Red-bellied Woodpecker, 5; Hairy Woodpecker, 1; Downy Woodpecker, 6; Horned Lark, 1; Blue Jay, 1; Common Crow, 6; Black-capped Chickadee, 20; Tufted Titmouse, 5; White-breasted Nuthatch, 8; Brown Creeper, 1; **Winter Wren, 1**; Golden-crowned Kinglet, 7; Starling, 115; House Sparrow, 85; Cardinal, 17; Purple Finch, 1; **Common Redpoll, 4**; Am. Goldfinch, 2; **Vesper Sparrow, 1** (seen well); Slate-colored Junco, 36; Tree Sparrow, 30; Song Sparrow, 4; **Snow Bunting, 4. Total,** 35 species; about 530 individuals. (Seen in area count period, but not on count day: Marsh Hawk, Belted Kingfisher, Mourning Dove, **Eastern Meadowlark**.)—Max E. Adler (compiler), Ted Van Velzen.

324. Battle Creek, Mich. (all points within a 15-mile diameter circle, center on Kirby Rd. 1 mile east of Kalamazoo Co. line; Battle Creek to Gull Lake, Wintergreen Lake, W. K. Kellogg Bird Sanctuary, Kellogg Forestry area).—Dec. 26; 6:45 a.m. to 5:30 p.m. Very foggy to cloudy; temp. 41° to 43°; wind none to light SW; ½-in. snow, lakes frozen except Gull Lake. Eleven observers in 5 parties. Total party-hours, 34 (16 on foot, 18 by car); total party-miles, 245 (26 on foot, 219 by car). ► Canada Goose, 359; Snow Goose, 1; **Blue Goose, 4**; Mallard, 203; Black Duck, 12; **Wood Duck, 1**; Common Goldeneye, 137; Bufflehead, 15; Cooper's Hawk, 2; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Sparrow Hawk, 1; Ruffed Grouse, 1; Bobwhite, 12; Herring Gull, 3; Ring-billed Gull, 8; Mourning Dove, 3; Red-bellied Woodpecker, 1; Red-headed Woodpecker, 1; Hairy Woodpecker, 8; Downy Woodpecker, 6; Blue Jay, 67; Common Crow, 7; Black-capped Chickadee, 112; Tufted Titmouse, 20; White-breasted Nuthatch, 16; Red-breasted Nuthatch, 2; Brown Creeper, 6; Robin, 1; Golden-crowned Kinglet, 3; Cedar Waxwing, 130; Starling, 35; House Sparrow, 158; Cardinal, 74; Purple Finch, 7; Common Redpoll, 25; Pine Siskin, 5; Am. Goldfinch, 21; Rufous-sided Towhee, 1; Slate-colored Junco, 40; Tree Sparrow, 51; White-throated Sparrow, 2; Song Sparrow, 1. **Total,** 43 species; about 1564 individuals.—Don Altemus, Edward M. Brigham, Edward M. Brigham, Jr., Elmer Dahlman, Emma Lou Dyer, William A. Dyer, Betty Haefele, Mabelle Isham, Andrew MacEwen, R. D. Van Deusen, Lawrence H. Walkinshaw (compiler).

325. Bay City, Mich. (all points within a 15-mile diameter circle, center near Frankenlust as in 1954).—Jan. 2; 8 a.m. to 4:30 p.m. Cloudy; temp. 26° to 34°; wind SE, 0-10 m.p.h.; 1-in. snow, ponds frozen, rivers open, Saginaw Bay open near mouth of river. Twelve observers in 2 parties. Total party-hours, 16 (6 on foot, 10 by car); total party-miles, 140 (8 on foot, 132 by car). ► Mallard, 3; Black Duck, 400; Common Goldeneye, 56; Common Merganser, 859; Red-tailed Hawk, 8; Rough-legged Hawk, **21**; Marsh Hawk, 3; Sparrow Hawk, 5; Ring-necked Pheasant, 215; Herring Gull, 130; Ring-billed Gull, 1; Mourning Dove, 65; Great Horned Owl, 1; **Short-eared Owl, 1**; Downy Woodpecker, 5; Horned Lark, 91; Blue Jay, 26; Common Crow, 92; Black-capped Chickadee, 33; Tufted Titmouse, 8; White-breasted Nuthatch, 7; Brown Creeper, 3; Robin, 6; Golden-crowned Kinglet, 3; Starling, 255; House Sparrow, 835; **Eastern Meadowlark, 2**; Redwinged Blackbird, 1; Cardinal, 10; Purple Finch, 2; Am. Goldfinch, 15; Slate-colored Junco, 17; Tree Sparrow, 44; Song Sparrow, 8; Snow Bunting, 358. **Total,** 35 species; about 3589 individuals.—Delbert L. Bierlein, Robert E. Grefe, Kenneth Hoffman, Marion J. Hoffman, Eugene E. Kenaga (compiler), Paula Lavoy, Pat Molner, Willard F. Rahn, Ethel Staudacher, Bruce Winchell, Grant Winchell, Mark A. Wolf.

326. Boyne City, Mich. (all points within a 15-mile diameter circle, center same as 1949 to 1954).—Dec. 26; 8 a.m. to 4 p.m. Cloudy, rain most of day; temp. 26° to 34°; no wind; 1-in. snow on ground, lakes and streams open. Two observers in 1 party. Total party-hours, 8 (1 on foot, 7 by car); total party-miles, 115 (2 on foot, 113 by car). ► Mute Swan, 2; Canada Goose, 4; **Snow Goose, 6**; **Blue Goose, 1**; Mallard, 216; Black Duck, 122; scaup (sp.), 92; Common Goldeneye, 102; Hooded Merganser, 5; Common Merganser, 6; Ruffed Grouse, 3; Herring Gull, 785; Ring-billed Gull, 10; Hairy Woodpecker, 3; Downy Woodpecker, 6; Blue Jay, 4; Common Crow, 5; Black-capped Chickadee, 25; White-breasted Nuthatch, 7; Cedar Waxwing, 2; Starling, 113; House Sparrow, 150; Cardinal, 2; Evening Grosbeak, 15; Am. Goldfinch, 2; Tree Sparrow, 7; Snow Bunting, 7. **Total,** 27 species; about 1702 individuals. (Seen in area count period, but not on count day: Northern Shrike.)—Eugene E. Kenaga (compiler), Joan B. Kenaga.

327. Detroit, Mich. (all points within a 15-mile diameter circle, center at intersection of Big Lake Road and Ormond Road, Oakland County; farm and pasture 47%, deciduous woods 23%, coniferous woods 10%, lakes and streams 5%, marsh and swamp 10%, suburban village 5%).—Dec. 27; 7:30 a.m. to 4:30 p.m. Fog, rain and drizzle; temp. 46° to 54°; wind S, 10 m.p.h.; ground bare, lakes and most streams frozen. Forty-five observers in 14 parties. Total party-hours, 98 (35 on foot, 63 by car); total party-miles, 547 (57 on foot, 490 by car). ► Canada Goose, 7; Mallard, 1; Cooper's Hawk, 2; Red-tailed Hawk, 25; Marsh Hawk, 3; Sparrow Hawk, 2; Ruffed Grouse, 4; Ring-necked Pheasant, 18; Ring-billed Gull, 1; Mourning Dove, 205; Belted Kingfisher, 1; Yellow-shafted Flicker, 6; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 1; Hairy Woodpecker, 7; Downy Wood-

pecker, 91; Blue Jay, 405; Common Crow, 35; Black-capped Chickadee, 561; Tufted Titmouse, 128; White-breasted Nuthatch, 160; Brown Creeper, 19; Eastern Bluebird, 3; Golden-crowned Kinglet, 74; Cedar Waxwing, 149; Starling, 259; House Sparrow, 2946; Eastern Meadowlark, 1; Brown-headed Cowbird, 3; Cardinal, 227; Evening Grosbeak, 11; Purple Finch, 6; Common Redpoll, 50; Pine Siskin, 23; Am. Goldfinch, 589; Slate-colored Junco, 417; Tree Sparrow, 759; Field Sparrow, 1; **White-crowned Sparrow, 1**; White-throated Sparrow, 3; Swamp Sparrow, 3; Song Sparrow, 25. **Total,** 42 species; about 7234 individuals. —Helen Blanchet, David B. Crockett, Ed B. Cutler, E. M. Cutler, Mr. and Mrs. B. L. Diamond, Peggy Drummond, Mr. and Mrs. G. W. Dunn, Chris Feeny, Fred Fisher, J. R. Fisher, Mr. and Mrs. Martin Gabler, David Graham, J. Robert Graham, Norma Guezen, Mr. and Mrs. Neil T. Kelley (compilers), George Kelly, Edna Kirsten, Becky Kreag, Glenn Kreag, Keith Kreag, Marilyn Kreag, G. Laubinger, Mr. and Mrs. L. R. Lenz, Mrs. Ruth McEvoy, Mr. and Mrs. B. E. Norris, Rudolph Olson, Ralph A. O'Reilly, Jr., Sergej Postupalsky, Donna Robinson, Lois Robinson, Redmond V. Rock, Robert O. Rogers, Mr. and Mrs. Donald Runck, Mr. and Mrs. A. Sullivan, Carl S. Tomoff, Mr. and Mrs. T. Varley (Detroit Audubon Society).

328. Dowagiac, Mich. (all points within a 15-mile diameter circle, center in Dowagiac as in past 2 years; open fields 50%, swamp 15%, coniferous woods 1%, deciduous woods 24%, urban 10%).—Jan. 3; 8:20 a.m. to 5:30 p.m. Snowing; temp. 25° to 30°; wind WNW, 12-20 m.p.h.; snow on ground, ponds frozen, streams open. Three observers in 1 party. Total party-hours, 9; total party-miles, 66 (all by car). ► Mallard, 18; Common Goldeneye, 15; Red-tailed Hawk, 2; Sparrow Hawk, 2; Herring Gull, 1; Mourning Dove, 19; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 3; Blue Jay, 7; Common Crow, 18; Black-capped Chickadee, 11; Tufted Titmouse, 5; White-breasted Nuthatch, 4; Brown Creeper, 1; Starling, 32; House Sparrow, 573; Cardinal, 39; Common Redpoll, 3; Slate-colored Junco, 41; Tree Sparrow, 36; Song Sparrow, 4. **Total,** 24 species; about 841 individuals.—Helen E. Burrell, Letha M. Culver, Marie E. Thompson (compiler).

329. Hudsonville, Mich. (all points within a 15-mile diameter circle, center Hudsonville).—Jan. 1; 8 a.m. to 5:45 p.m.; temp. 15° to 32°; wind SE, 5-14 m.p.h. Six observers in 3 parties. Total party-hours, 18½ (3½ on foot, 15 by car); total party-miles, 172 (4 on foot, 168 by car). ► Black Duck, 9; Common Goldeneye, 46; Bufflehead, 1; Cooper's Hawk, 1; Red-tailed Hawk, 6; Rough-legged Hawk, **18**; Marsh Hawk, 1; Sparrow Hawk, 3; Ring-necked Pheasant, 71; Herring Gull, 5; Mourning Dove, 3; Great Horned Owl, 1; Red-bellied Woodpecker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 24; Horned Lark, 73; Blue Jay, 22; Common Crow, 127; Black-capped Chickadee, 93; Tufted Titmouse, 18; White-breasted Nuthatch, 16; Brown Creeper, 2; Golden-crowned Kinglet, 4; Cedar Waxwing, 3; Starling, 67; House Sparrow, 531; Cardinal, 17; Common Redpoll, **256**; Am. Goldfinch, 8; Slate-colored Junco, 48; Tree Sparrow, 60; Song Sparrow, 1. **Total,** 32 species; about 1540 individuals. (Seen in area count period, but not on count day: Snowy Owl.)—Helen Anderson, Eleanor Burgess, Charlotte Chandler (compiler), Alex Hook, Marion Jennings, Mrs. Arlene Sweet.

330. Imlay City, Mich. (all points within a 15-mile diameter circle, center same as preceding 10 years; farms and open pasture 50%, fencerows and brush-covered fields 33%, deciduous woodlots 10%, marshes, ponds, streams 5%, White Cedar swamps 1%, village and suburbs 1%).—Dec. 27; 8 a.m. to 5 p.m. Fog all day, visibility poor; temp. 43° to 50°; wind 0-4 m.p.h.; ponds and streams open, no snow. Fourteen observers in six parties. Total party-hours, 49 (6 on foot, 43 by car); total party-miles, 252 (24 on foot, 228 by car). ► Cooper's Hawk, 1; Red-tailed Hawk, 10; Rough-legged Hawk, 10; Marsh Hawk, 3; Sparrow Hawk, 4; Bobwhite, 9; Ring-necked Pheasant, 78; Mourning Dove, 60; Screech Owl, 1; Yellow-shafted Flicker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 42; Blue Jay, 26; Common Crow, 37; Black-capped Chickadee, 69; Tufted Titmouse, 6; White-breasted Nuthatch, 23; Red-breasted Nuthatch, 2; Robin, 1; Golden-crowned Kinglet, 5; Cedar Waxwing, 16; Starling, 628; House Sparrow, 858; **Common Grackle,. 1;** Cardinal, 39; Purple Finch, 2; Am. Goldfinch, 296; Slate-colored Junco, 284; Tree Sparrow, 334; Song Sparrow, 4. **Total,** 30 species; about 2854 individuals. (Seen in area count period, but not on count day: Common Redpoll.)—Olive Betcher, E. W. Gillard, Beatrice Gillard, Howard Hoadley, Charlotte Hoadley, Martha A. Lengemann (compiler), Velma Linekar, Thomas Osmer, Buelah Schonover, James P. Smith, Mabel Smith, Myrtle Terpening, L. M. Zimmerman, Pearl Zimmerman (Lapeer County Audubon Society).

331. Kalamazoo, Mich. (all points within a 15-mile diameter circle, center junction of West Main and Drake Roads as last 11 years; roadside 30%, open farmland 30%, deciduous woods 20%, shrubby marsh 15%, running water and spring-fed pond 5%).—Dec. 27; 8 a.m. to 5:30 p.m. Fog and rain to clear; temp. 45° to 52°; wind SSE, 8-12 m.p.h.; ground mostly bare. Nineteen observers in 8 parties. Total party-hours, 28 (20 on foot, 8 by car); total party-miles, 208 (32 on foot, 176 by car). ► Great Blue Heron, 1; Mallard, 16; Black Duck, 1; Common Goldeneye, 19; Common Merganser, 1; Sharp-shinned Hawk, 1; Red-tailed Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 1; Ruffed Grouse, 2; Bobwhite, 12; Ring-necked Pheasant, 6; Herring Gull, 8; Ring-billed Gull, 4; Mourning Dove, 8; Belted Kingfisher, 3; Yellow-shafted Flicker, 4; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 2; Hairy Woodpecker, 4; Downy Woodpecker, 24; Blue Jay, 175; Common Crow, 66; Black-capped Chickadee, 150; Tufted Titmouse, 21; White-breasted Nuthatch, 27; Red-breasted Nuthatch, 4; Brown Creeper, 1; **Mockingbird, 1**; Robin, 3; **Hermit Thrush, 1**; Starling, 207; House Sparrow, 433; **Redwinged Blackbird, 1**; **Common Grackle, 1**; Cardinal, 108; Purple Finch, 21; Am. Goldfinch, 182; Slate-colored Junco, 87; Tree Sparrow, 69; **White-throated Sparrow, 1**; Song Sparrow, 9. **Total,**

42 species; about 1689 individuals. (Seen in area count period, but not on count day: Carolina Wren, Fox Sparrow, Horned Lark.)—Becky Bahlman, Helen Burrell, Martin and Mrs. Cohen, Martha and Donald Cohen, Charles and Anita Cook, Letha Culver, Ray and Elizabeth Deur, David Ekkens, Walter Freyburger, Gladys A. Hall (compiler), Merlin and Lorraine Johnson, Jo Ann Melbourne, John Skillman, Marie Thompson.

332. **Lansing, Mich.** (all points within a 15-mile diameter circle, center at center of Sect. 26, Township 4N, Range 2W, including Lansing, East Lansing, DeWitt, Okemos, Delta Mills, Haslett, western half of Rose Lake Wildlife Experiment Station).—Dec. 26; 8 a.m. to 6 p.m. Overcast, scattered fog; temp. 41° to 49°; wind SSE, 10-15 m.p.h.; lakes frozen, streams open. Seventeen observers in 4 parties. Total party-hours, 81 (63 on foot, 18 by car); total party-miles, 152 (12 on foot, 140 by car). ► Mallard, 3; Cooper's Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Bobwhite, 14; Ring-necked Pheasant, 7; Mourning Dove, 25; Great Horned Owl, 4; Belted Kingfisher, 1; Yellow-shafted Flicker, 7; Red-bellied Woodpecker, 2; Hairy Woodpecker, 4; Downy Woodpecker, 14; Blue Jay, 37; Common Crow, 5000; Black-capped Chickadee, 68; Tufted Titmouse, 24; White-breasted Nuthatch, 23; Red-breasted Nuthatch, 5; Brown Creeper, 7; **Winter Wren, 1** (heard and seen well); Golden-crowned Kinglet, 2; Cedar Waxwing, 7; Starling, 31; House Sparrow, 210; Cardinal, 32; Purple Finch, 13; Common Redpoll, **150**; Am. Goldfinch, 24; Slate-colored Junco, 35; Tree Sparrow, 37; **Swamp Sparrow, 1** (all field marks); Song Sparrow, 9; Snow Bunting, **200**. **Total,** 34 species; about 6000 individuals. (Seen in area count period, but not on count day: Great Blue Heron, Black Duck, Long-eared Owl, Robin, White-throated Sparrow.)—C. T. Black, W. R. Freeman, Steve Messenger (compiler), M. D. Pirnie, G. J. Wallace.

333. **Marquette, Mich.** (all points within a 15-mile diameter circle, center Front and Washington Streets as in preceding years; shoreline 30%, urban 10%, marsh 10%, mixed forest 25%, open farmlands and golf course 25%).—Jan. 2; 8:30 a.m. to 5 p.m. Cloudy, wet snow off and on; temp. 27° to 35°; wind S to W, 5-14 m.p.h.; 7-in. snow on ground, 2 harbors partly ice-covered, streams open. Seven observers in 2 parties. Total party-hours, 17 (1 on foot, 16 by car); total party-miles, 60½ (1½ on foot, 59 by car). ► Greater Scaup, 3; Common Goldeneye, 91; Common Merganser, 7; Goshawk, 1; Ruffed Grouse, 2; Herring Gull, 611; Snowy Owl, 2; Hairy Woodpecker, 5; Downy Woodpecker, 11; Blue Jay, 7; Common Raven, 2; Black-capped Chickadee, 35; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 3; Brown Creeper, 1; Northern Shrike, 1; Starling, 142; House Sparrow, 31; **Brewer's Blackbird, 2** (1 present since Nov. 21); **Common Grackle, 1** (banded); Evening Grosbeak, 15; Purple Finch, 3; Common Redpoll, 8; **Song Sparrow, 1** (at feeder since Nov. 20). **Total,** 24 species; about 986 individuals. (Seen in area count period, but not on count day: Common Loon, Horned Grebe, Bald Eagle, Barred Owl, Pileated Woodpecker, Pine Grosbeak.)—Ellsworth B. Barnard, Mrs. Mary Barnard, Nicholas J. Ilnicky, Mrs. Mary Spear Ross (compiler), Rollin K. Thoren, Carlo Wahtera, Edwin C. Weiland.

334. **Midland, Mich.** (all points within a 15-mile diameter circle, center same since 1955).—Jan. 3; 8 a.m. to 4 p.m. Cloudy, some snow; temp. 12° to 36°; wind NE, 0-10 m.p.h.; ground with 1-in. snow, ponds frozen, rivers open. Four observers in 2 parties. Total party-hours, 12 (4 on foot, 8 by car); total party-miles, 63 (3 on foot, 60 by car). ► Red-tailed Hawk, 6; Rough-legged Hawk, 1; Sparrow Hawk, 2; Ring-necked Pheasant, 27; Mourning Dove, 40; Great Horned Owl, 1; Hairy Woodpecker, 10; Downy Woodpecker, 24; Blue Jay, 46; Common Crow, 6000; Black-capped Chickadee, 74; Tufted Titmouse, 13; White-breasted Nuthatch, 21; Red-breasted Nuthatch, 2; Brown Creeper, 1; **Mockingbird, 1**; Cedar Waxwing, 15; Starling, 300; House Sparrow, 412; Brown-headed Cowbird, 1; Cardinal, 52; Evening Grosbeak, 8; Purple Finch, 3; Common Redpoll, 33; Pine Siskin, 6; Am. Goldfinch, 30; Rufous-sided Towhee, 1; Slate-colored Junco, 46; Tree Sparrow, 95; White-throated Sparrow, 1; Snow Bunting, 2. **Total,** 31 species; about 7274 individuals. (Seen in area count period, but not on count day: Robin.)—Robert Grefe, Eugene Kenaga (compiler), Bruce Winchell, Mark Wolf.

335. **Mount Clemens, Mich.** (all points within a 15-mile diameter circle, center same since 1951; area surrounding Anchor Bay, Lake St. Clair, from Huron Pointe to Harsen's Island; open farmland or fields 24%, deciduous second-growth 12%, roadsides 34%, towns and suburbs 8%, farm buildings 4%, cattail marsh 8%, open water 10%).—Jan. 2; 8:30 a.m. to 4:30 p.m. Drizzle a.m., heavy rain and fog p.m.; temp. 32° to 35°; wind SW, 10-20 m.p.h.; Lake St. Clair open. Seven observers in 3 parties. Total party-hours, 24 (2 on foot, 22 by car); total party-miles, 298 (5 on foot, 293 by car). ► **Whistling Swan, 5**; Mallard, 24; Black Duck, 101; Canvasback, 759; scaup (sp.), 8; Common Goldeneye, 204; Hooded Merganser, 1; Common Merganser, 5; Red-tailed Hawk, 4; Red-shouldered Hawk, 1; Rough-legged Hawk, 4; Marsh Hawk, 7; Sparrow Hawk, 11; Bobwhite, 12; Ring-necked Pheasant, 124; Great Black-backed Gull, 2; Herring Gull, 261; Ring-billed Gull, 125; Bonaparte's Gull, 3; Mourning Dove, 14; Yellow-shafted Flicker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 5; Horned Lark, 2; Blue Jay, 14; Common Crow, 38; Black-capped Chickadee, 19; Tufted Titmouse, 2; White-breasted Nuthatch, 2; Starling, 179; House Sparrow, 650; Cardinal, 12; Am. Goldfinch, 53; Slate-colored Junco, 86; Tree Sparrow, 295; Swamp Sparrow, 1; Song Sparrow, 2; Snow Bunting, 30. **Total,** 38 species; about 3067 individuals. (Seen in area count period, but not on count day: Snowy Owl.)—Bertha Daubendiek, Mrs. Irene Jasper, Bette J. Johnston (compiler), Cass Kierblewski, Irene Kierblewski, Douglas Middleton, Thelma Sonnenberg.

336. **Mount Pleasant, Mich.** (all points within a 15-mile diameter circle, center same since 1953;

town suburbs 5%, upland deciduous forest 5%, upland coniferous forest 3%, bottomland deciduous forest 30%, bottomland coniferous forest 6%, plowed field 20%, pasture 20%, lakes and millponds 10%, cattail marsh 1%).—Jan. 2; 8:30 a.m. to 4:30 p.m. Heavy overcast most of day; temp. 20° to 30°; wind NW, 1-10 m.p.h.; little snow on ground, lakes frozen, rivers open. Eleven observers in 3 parties. Total party-hours, 24 (12 on foot, 12 by car); total party-miles, 218 (16 on foot, 202 by car). ► Mallard, 41; Black Duck, 4; Common Goldeneye, 6; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Sparrow Hawk, 1; Ruffed Grouse, 5; Ring-necked Pheasant, 1; Mourning Dove, 17; Great Horned Owl, 1; Long-eared Owl, 1; Hairy Woodpecker, 7; Downy Woodpecker, 23; Horned Lark, 38; Blue Jay, 16; Common Crow, 7; Black-capped Chickadee, 113; Tufted Titmouse, 7; White-breasted Nuthatch, 19; Red-breasted Nuthatch, 1; Brown Creeper, 3; Robin, 13; Northern Shrike, 1; Starling, 442; House Sparrow, 645; Cardinal, 36; Evening Grosbeak, 1; Purple Finch, 1; Common Redpoll, **402**; **Pine Siskin, 35**; Am. Goldfinch, 48; **Rufous-sided Towhee, 1** (Mahan party); Slate-colored Junco, 51; Tree Sparrow, 98; Song Sparrow, 2; Snow Bunting, 407. **Total,** 38 species; about 2498 individuals. (Seen in area count period, but not on count day: Belted Kingfisher.)—Mabel Cuthbert, Nicholas Cuthbert (compiler), Donald Davis, Ann Keenan, Hudson Keenan, Irene Jorae, Henrietta Kaminske, Arnold Koch, Harold Mahan, Florence Maxwell, David Rocheleau (Chippewa Valley Audubon Club).

337. Muskegon, Mich. (all points within a 15-mile diameter circle, center downtown Muskegon, including Dune State Park, Muskegon Lake to channel, shore of Lake Michigan; lakeshore and channel 50%, business and residential 25%, duneland 25%).—Jan. 2; 9 a.m. to 5 p.m. Overcast; temp. 38° to 35°; wind S to SW, 20-30 m.p.h.; waterways open, trace of snow on ground. Eleven observers in 1 party. Total party-hours, 9; total party-miles, 20 (5 on foot, 15 by car). ► Mallard, 5; Black Duck, 62; Lesser Scaup, 75; Common Goldeneye, 383; Common Merganser, 1000; Sparrow Hawk, 1; Ruffed Grouse, 8; Ring-necked Pheasant, 1; Herring Gull, 1588; Ring-billed Gull, 4; Snowy Owl, 1; Red-headed Woodpecker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 6; Blue Jay, 27; Common Crow, 3; Black-capped Chickadee, 60; Tufted Titmouse, 15; White-breasted Nuthatch, 8; Cedar Waxwing, 30; Starling, 53; House Sparrow, 138; Cardinal, 16; Evening Grosbeak, 1; Am. Goldfinch, 15; Slate-colored Junco, 18; Tree Sparrow, 3; Harris' Sparrow, 1 [no details—Ed.]; White-throated Sparrow, 6. **Total,** 29 species; about 2530 individuals.—Almeda Boulton, Herman Dekker, Margaret Elliott (compiler), Paul Elliott, Nate Johnson, Grover Niergarth, August and Mildred Twiest, John Van Orman, George M. Wickstrom, Nancy Ellen Young.

338. Northville, Mich. (all points within a 15-mile diameter circle, center same as last year).—Jan. 2; 9 a.m. to 5 p.m. Cloudy a.m., rain p.m.; temp. 30° to 33°; wind 5 m.p.h. Eleven observers in 3 parties. Total party-hours, 24 (11 on foot, 13 by car); total party-miles, 150 (11 on foot, 139 by car). ► Great Blue Heron, 1; Canada Goose, 250; Mallard, 54; Black Duck, 44; **Blue-winged Teal, 6** [no details—Ed.]; Lesser Scaup, 4; Common Goldeneye, 18; Bufflehead, 4; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 4; Ring-necked Pheasant, 16; Herring Gull, 1; Mourning Dove, 1; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 12; Horned Lark, **150**; Blue Jay, 32; Common Crow, 115; Black-capped Chickadee, 27; Tufted Titmouse, 22; White-breasted Nuthatch, 7; Red-breasted Nuthatch, 1; Robin, 1; **Eastern Bluebird, 5**; Golden-crowned Kinglet, 5; Ruby-crowned Kinglet, 2; Northern Shrike, 1; Starling, 17; House Sparrow, 500; Eastern Meadowlark, 1; Cardinal, 50; Am. Goldfinch, 34; Slate-colored Junco, 76; Tree Sparrow, 43; Song Sparrow, 3. **Total,** 42 species; about 1519 individuals. (Seen in area count period, but not on count day: Red-bellied Woodpecker, White-throated Sparrow.)—John Begle, Lucy Begle, Mary Begle, Jack Crusoe, Catherine Hartley, Harold Duncan Hartley, Harold S. Hartley (compiler), Thomas Heatley, Mrs. Kalin Johnson, Ollie Riddering, Donald Riddering.

339. Ostego, Mich. (all points within a 15-mile diameter circle, center at mid-point of Sec. 35, T 2N, R 13W, Allegan County; open farmland 30%, roadside 20%, deciduous woods 20%, bottomland and river 30%).—Dec. 30; 8 a.m. to 5:30 p.m. Overcast a.m., snow p.m.; temp. 22° to 23°; wind NW, 1-5 m.p.h.; river and reservoirs open. Two observers in 1 party. Total party-hours, 9½ (7 on foot, 2½ by car); total party-miles, 58 (6 on foot, 52 by car). ► Horned Grebe, 1; Canada Goose, 55; Mallard, 9; Black Duck, 11; Gadwall, 10; Pintail, 2; Lesser Scaup, 4; Common Goldeneye, 220; Bufflehead, 8; Hooded Merganser, 5; Common Merganser, 1; Red-breasted Merganser, 190; Red-tailed Hawk, 2; Rough-legged Hawk, 1; Bald Eagle, 1; Sparrow Hawk, 3; Ruffed Grouse, 5; Ring-necked Pheasant, 1; Am. Coot, 1; Herring Gull, 16; Ring-billed Gull, 7; Mourning Dove, 24; Great Horned Owl, 1; Barred Owl, 1; Belted Kingfisher, 2; Red-bellied Woodpecker, 4; Red-headed Woodpecker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 9; Horned Lark, 1; Blue Jay, 34; Common Crow, 11; Black-capped Chickadee, 34; Tufted Titmouse, 8; White-breasted Nuthatch, 14; Red-breasted Nuthatch, 1; Brown Creeper, 3; Robin, 4; Golden-crowned Kinglet, 3; Starling, 9; House Sparrow, 245; **Eastern Meadowlark, 1** (seen well by both observers); Cardinal, 46; Evening Grosbeak, 17; Common Redpoll, 23; Am. Goldfinch, 2; Slate-colored Junco, 56; Tree Sparrow, 123; **Field Sparrow, 3** (feeding within 20 ft.); Song Sparrow, 9; **Snow Bunting, 410. Total,** 51 species; about 1653 individuals.—Max Adler, Ted Van Velzen (compiler).

340. Owosso, Mich. (all points within a 15-mile diameter circle, center Owosso as in previous counts).—Dec. 30; 7:30 a.m. to 5 p.m. Semi-cloudy, snow by 3 p.m.; temp. 20° to 32°; wind S, 0-5 m.p.h.; 2-in. snow on ground, river, creeks open. One observer.

Total hours, 9½ (6½ on foot, 3 by car); total miles, 62 (7 on foot, 55 by car). ► Cooper's Hawk, 2; Red-tailed Hawk, 7; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 1; Ring-necked Pheasant, 1; Mourning Dove, 29; Screech Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 1; Hairy Woodpecker, 6; Downy Woodpecker, 8; Horned Lark, 13; Blue Jay, 22; Common Crow, 8; Black-capped Chickadee, 59; Tufted Titmouse, 16; White-breasted Nuthatch, 14; Brown Creeper, 8; Robin, 1; Starling, 5; House Sparrow, 135; Cardinal, 14; Common Redpoll, 51; Am. Goldfinch, 22; Slate-colored Junco, 35; Tree Sparrow, 41; Song Sparrow, 4. **Total,** 29 species; about 509 individuals. (Seen in area count period, but not on count day: Cedar Waxwing, Snow Bunting.)—Bruce V. Wilson.

341. Seney National Wildlife Refuge, Mich. (all points within a 15-mile diameter circle, center 2 miles northwest of Germfask; extending from 1 mile north of Seney to 6 miles south of Germfask, east 5 miles on Route 98 from Germfask, and west 1½ miles of the Driggs River).—Dec. 30; 8 a.m. to 6:30 p.m.; temp. 22° to 25°; wind NE, 12 m.p.h. Three observers in 2 parties. Total party-hours, 19 (8 on foot, 11 by car); total party-miles, 168 (16 on foot, 152 by car). ► Canada Goose, 4; Rough-legged Hawk, 2; Ruffed Grouse, 2; Sharp-tailed Grouse, 15; Great Horned Owl, 3; Snowy Owl, 1; Hairy Woodpecker, 10; Downy Woodpecker, 12; Gray Jay, 2; Blue Jay, 6; Common Raven, 25; Black-capped Chickadee, 50; Boreal Chickadee, 1; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 3; Golden-crowned Kinglet, 7; Northern Shrike, 1; Starling, 13; Pine Grosbeak, 16; Common Redpoll, 12; Snow Bunting, 55. **Total,** 21 species; about 242 individuals.—William French, Donald White, Jerald Wilson (compiler).

342. Traverse City, Mich. (all points within a 15-mile diameter circle, center 2 miles south of East Grand Traverse Bay shore on Four Mile Rd., Highway 615; river valley 25%, pine-oak uplands 10%, cedar, spruce, tamarack bog 3%, town edges 7%, roadside and fields 10%, Great Lakes shoreline 45%).—Dec. 27; 8:30 a.m. to 5:30 p.m. Misting rain all day; temp. 42°; no wind; ground bare, streams open, ponds and lakes partially frozen with water covering the ice. Ten observers in 1 party. Total party-hours, 9 (5 on foot, 4 by car); total party-miles, 121 (50 on foot, 71 by car). ► **Pied-billed Grebe, 3**; Mute Swan, 100; [park?—Ed.]; Canada Goose, 1; Black Duck, 3; Common Goldeneye, 21; Bufflehead, 13; Common Merganser, 8; Cooper's Hawk, 1; Ruffed Grouse, 6; Ring-necked Pheasant, 1; Herring Gull, 75; Hairy Woodpecker, 9; Downy Woodpecker, 13; Blue Jay, 15; Black-capped Chickadee, 50; Tufted Titmouse, 5; White-breasted Nuthatch, 19; Brown Creeper, 1; Golden-crowned Kinglet, 4; Cedar Waxwing, 9; Starling, 18; House Sparrow, 100; Cardinal, 7; Common Redpoll, 8; Am. Goldfinch, 15; Slate-colored Junco, 7. **Total,** 26 species; about 512 individuals. (Seen in area count period, but not on count day: Common Snipe, **Red-headed Woodpecker,** Common Crow, Evening Grosbeak, Tree Sparrow, Snow Bunting.)—Dr. and Mrs. B. B. Bushong, Mary Edwards (compiler), Irene Jorae, Edwin Poole, Jean Rehkoff, Barbara Smith, Eleanor Stevens, Pierce Stocking, Helen Svoboda (Walter Hastings Audubon Club).

343. Bloomington, Ind. (all points within a 15-mile diameter circle, center same as in 1950 and subsequent years; upland deciduous forest 27%, coniferous forest 8%, bottomland deciduous forest 11%, bottomland grassy and crop fields 6%, upland grassy field 5%, bottomland brushy field 28%, fresh-water lake shore 15%).—Dec. 27; 4:30 a.m. to 4:30 p.m. Clear till 1:30 p.m., then cloudy, raining; temp. 52° to 67°; wind SE, 7-22 m.p.h.; sudden storm early afternoon, all water open. Eleven observers in essentially 2 parties, but separating and combining briefly into other units. Total party-hours, 27 (19 on foot, 8 by car); total party-miles, 147 (17 on foot, 130 by car). ► Mallard, 3; Black Duck, 4; Common Merganser, 11; Red-tailed Hawk, 3; Red-shouldered Hawk, 3; Rough-legged Hawk, 1; Marsh Hawk, 7; Sparrow Hawk, 7; Ruffed Grouse, 1; Bobwhite, 14; Am. Coot, 3; Killdeer, 2; Herring Gull, 3; Ring-billed Gull, 20; Mourning Dove, 36; Great Horned Owl, 4; Barred Owl, 1; **Saw-whet Owl, 1**; Belted Kingfisher, 4; Yellow-shafted Flicker, 3; Pileated Woodpecker, 8; Red-bellied Woodpecker, 9; Hairy Woodpecker, 3; Downy Woodpecker, 19; Horned Lark, 4; Blue Jay, 84; Common Crow, 148; Carolina Chickadee, 100; Tufted Titmouse, 58; White-breasted Nuthatch, 7; Red-breasted Nuthatch, 2; Brown Creeper, 1; Carolina Wren, 37; Mockingbird, 4; Robin, 35; Eastern Bluebird, 26; Golden-crowned Kinglet, 5; Cedar Waxwing, 2; Starling, 222; Myrtle Warbler, 1; House Sparrow, 106; Eastern Meadowlark, 47; Redwinged Blackbird, 10; Brown-headed Cowbird, 15; Cardinal, 77; Purple Finch, 19; Am. Goldfinch, 48; Rufous-sided Towhee, 20; Slate-colored Junco, 280; Tree Sparrow, 95; Field Sparrow, 4; Swamp Sparrow, 19; Song Sparrow, 83. **Total,** 53 species; about 1729 individuals.—Billy Adams, W. B. Adams, W. R. Adams, Meredith Briggs, Edward M. Buehrig, Charles F. Cleland, Mr. and Mrs. Sears Crowell, Val Nolan, Jr. (compiler), Raymond Schneider, Mrs. Luverne Walsh.

344. Hanover, Ind. (all points within a 15-mile diameter circle, center Hanover Post Office and including adjacent Ohio River).—Dec. 29; 7:50 a.m. to 5:30 p.m. Heavy clouds, few snow and rain squalls; temp. 35° to 38°; wind NW, 2-10 m.p.h. Four observers in 1 party. Total party-hours, 8½ (6 on foot, 2 by car, ½ by boat); total party-miles, 80 (8 on foot, 69 by car, 3 by boat). ► Great Blue Heron, 9; Black Duck, 20; Common Merganser, 6; Red-tailed Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 4; **Spotted Sandpiper, 2** (carefully identified); Herring Gull, 24; Ring-billed Gull, 16; Mourning Dove, 47; Screech Owl, 2; Belted Kingfisher, 4; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 6; Downy Woodpecker, 5; Blue Jay, 7; Common Crow, 19; Carolina Chickadee, 25; Tufted Titmouse, 19; White-breasted Nuthatch, 2; Carolina Wren, 6; Mockingbird, 4; Robin, 5; Eastern Bluebird, 2; Cedar Waxwing, 30; Starling, 1350; Myrtle Warbler, 1; House Sparrow, 30; Eastern Meadowlark, 4; Cardinal, 51; Am. Goldfinch, 7; Rufous-sided Towhee, 3; Savannah Sparrow, 1; Le Conte's Sparrow, 1;

Slate-colored Junco, 15; Tree Sparrow, 26; Swamp Sparrow, 2; Song Sparrow, 27. **Total,** 38 species; about 1785 individuals. (Seen in area count period, but not on count day: Barred Owl, Yellow-bellied Sapsucker, Hairy Woodpecker.)—Wilma Pray, Harlan Hubbard, Dan Webster (compiler), Jackson Webster.

345. Indianapolis, Ind. (all points within a 15-mile diameter circle, center same as in previous 2 years; upland deciduous forest 29%, lake front 24%, river and creek borders 17%, suburbs 15%, open farmland 10%, city parks 3%, urban 2%).—Dec. 26; 5:30 a.m. to 6 p.m. Light drizzle to 10:30 a.m., broken clouds p.m.; temp. 51° to 54°; wind S, 8 m.p.h.; reservoir, creeks and White River unfrozen. Thirteen observers in 4 parties. Total party-hours, 36 (19 on foot, 17 by car); total party-miles, 234 (72 on foot, 162 by car). ► Great Blue Heron, 1; Black-crowned Night Heron, 20; Mallard, 93; Black Duck, 205; Gadwall, 3; Green-winged Teal, 2; Am. Widgeon, 1; Wood Duck, 4; Redhead, 6; Lesser Scaup, 6; Common Goldeneye, 3; Common Merganser, 4; Sharp-shinned Hawk, 1; Cooper's Hawk, 3; Red-tailed Hawk, 4; Red-shouldered Hawk, 5; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 13; Bobwhite, 9; Ring-necked Pheasant, 4; Am. Coot, 3; Killdeer, 1; Herring Gull, 36; Ring-billed Gull, 75; Mourning Dove, 127; Screech Owl, 1; Great Horned Owl, 3; Barred Owl, 4; Long-eared Owl, 1; Belted Kingfisher, 8; Yellow-shafted Flicker, 11; Pileated Woodpecker, 2; Red-bellied Woodpecker, 6; Hairy Woodpecker, 7; Downy Woodpecker, 67; Horned Lark, 8; Blue Jay, 36; Common Crow, 124; **Black-capped Chickadee, 2**; Carolina Chickadee, 125; Tufted Titmouse, 48; White-breasted Nuthatch, 17; Brown Creeper, **49**; Winter Wren, **14**; Carolina Wren, 40; Mockingbird, **20**; Robin, 20; Eastern Bluebird, 4; Golden-crowned Kinglet, 11; Cedar Waxwing, 49; Starling, 509; House Sparrow, 359; Eastern Meadowlark, 13; Redwinged Blackbird, 1; Common Grackle, 9; Cardinal, 175; Pine Siskin, 4; Am. Goldfinch, 41; Slate-colored Junco, 300; Tree Sparrow, 111; Song Sparrow, 94. **Total,** 62 species; about 2924 individuals. (Seen in area count period, but not on count day: Pintail, Common Snipe, Saw-whet Owl, Red-breasted Nuthatch, Myrtle Warbler.)—Charles Berriman, Robert and William Buskirk, Mildred Campbell, Mrs. V. R. Dilts, Charles F. Marks, Ed Mockford, Betty Jean Moore, John M. Satter, Mrs. Sheila B. Smith, Henry C. West (compiler), Dorothy White, Howard F. Wright (Amos W. Butler Audubon Society).

346. Jasper–Pulaski State Game Preserve, Ind. (all points within a 15-mile diameter circle, center same as in 1955).—Dec. 26; 7:30 a.m. to 4:30 p.m. Low overcast; temp. 40° to 44°; wind S, 12-15 m.p.h.; ground bare, water open. Six observers in 1 party. Total party-hours, 9 (7 on foot, 2 by car); total party-miles, 29 (7 on foot, 22 by car). ► Canada Goose, 143; Mallard, 2; Common Merganser, 14; Red-tailed Hawk, 1; Marsh Hawk, 2; Bobwhite, 10; Ring-necked Pheasant, 8; Mourning Dove, 10; Long-eared Owl, 1; Belted Kingfisher, 1; Red-bellied Woodpecker, 4; Red-headed Woodpecker, 23; Hairy Woodpecker, 8; Downy Woodpecker, 19; Blue Jay, 70; Common Crow, 110; Black-capped Chickadee, 45; Tufted Titmouse, 15; White-breasted Nuthatch, 19; Red-breasted Nuthatch, 6; Brown Creeper, 1; Golden-crowned Kinglet, 10; Cedar Waxwing, 1; Starling, 152; House Sparrow, 225; Cardinal, 38; Purple Finch, 3; Am. Goldfinch, 35; Slate-colored Junco, 170; Tree Sparrow, 75; Swamp Sparrow, 2; Song Sparrow, 3. **Total,** 32 species; about 1226 individuals.—Ted Chandik, Paul Davis, Nora Grow, Raymond Grow (compiler), Tom Litts, Si Segal.

347. Lafayette, Ind. (all points within a 15-mile diameter circle, center top of 52-bypass hill as in past 13 years; riverbottom 15%, creekbottom 36%, deciduous woods 13%, evergreen woods 6%, low woods and brush 10%, fields 14%, marsh 4%, town 2%).—Dec. 23; 2:30 a.m. to 5 p.m. Cloudy; temp. 25° to 32°; wind SE, 10-15 m.p.h.; ground partly covered with snow, streams open, ponds frozen. Seventeen observers in 9 parties. Total party-hours, 60 (56 on foot, 4 by car); total party-miles, 120 (59 on foot, 61 by car). ► Mallard, 4; Common Goldeneye, 35; Cooper's Hawk, **5**; Red-tailed Hawk, 11; Marsh Hawk, 6; Sparrow Hawk, 18; Bobwhite, **125**; Ring-necked Pheasant, 3; Common Snipe, 1; Mourning Dove, 453; Screech Owl, 1; Great Horned Owl, 7; Barred Owl, 1; Short-eared Owl, 3; Belted Kingfisher, 12; Yellow-shafted Flicker, 23; Red-bellied Woodpecker, 57; Red-headed Woodpecker, **25**; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 15; Downy Woodpecker, 117; Horned Lark, **161**; Blue Jay, 121; Common Crow, 147; Carolina Chickadee, 105; Tufted Titmouse, 160; White-breasted Nuthatch, 46; Red-breasted Nuthatch, 1; Brown Creeper, 41; Winter Wren, 3; Carolina Wren, 41; Mockingbird, 6; Robin, 3; Eastern Bluebird, 8; Golden-crowned Kinglet, 15; Ruby-crowned Kinglet, 1; Starling, 4200; House Sparrow, 802; Eastern Meadowlark, 9; Redwinged Blackbird, 3; Rusty Blackbird, 5; Cardinal, 150; Purple Finch, **48**; Am. Goldfinch, 99; Rufous-sided Towhee, 1; Slate-colored Junco, 441; Tree Sparrow, 1022; Field Sparrow, 5; White-crowned Sparrow, 4; White-throated Sparrow, 6; Fox Sparrow, 1; Swamp Sparrow, 12; Song Sparrow, 184; Lapland Longspur, 1. **Total,** 54 species; about 8775 individuals. (Seen in area count period, but not on count day: Cedar Waxwing.)—Irving Burr (compiler), Peter and Terry Burr, Karleton Crain, Marvin DeJonge, Harold Dick, Al and Mary Guy, Charles Kirkpatrick, Brad Lane, Howard Michaud, John Mihalko, Russell Mumford, Margaret and Merritt Webster, Carol and Arthur Westing.

348. Mary Gray Bird Sanctuary, Ind. (all points within 600 acres of sanctuary in Connersville; more coverage than in previous counts; deciduous woodlands 50%, fields planted in pines 10%, weed fields 40%).—Jan. 2; 6:30 a.m. to 4 p.m. Cloudy forenoon, rain afternoon; temp. 35° to 43°; wind 5-10 m.p.h. Twenty observers in 6 parties. Total party-hours, 29 (29 on foot); total party-miles, 25 (25 on foot). ► Cooper's Hawk, 1; Red-tailed Hawk, 1; Sparrow Hawk, 1; Bobwhite, 22; Mourning Dove, 12; Great Horned Owl, 3; Barred Owl, 3; Long-eared Owl, 6; Belted Kingfisher, 1; Yellow-shafted Flicker, 14; Pileated Woodpecker, 2; Red-bellied Woodpecker, 19; Yellow-

bellied Sapsucker, 2; Hairy Woodpecker, 10; Downy Woodpecker, 27; Blue Jay, 8; Common Crow, 23; Carolina Chickadee, 43; Tufted Titmouse, 22; White-breasted Nuthatch, 14; Brown Creeper, 3; Carolina Wren, 25; Mockingbird, 2; Robin, 44; Eastern Bluebird, 21; Golden-crowned Kinglet, 6; Cedar Waxwing, 35; House Sparrow, 30; Cardinal, 54; Purple Finch, 1; Am. Goldfinch, 17; Rufous-sided Towhee, 3; Slate-colored Junco, 91; Tree Sparrow, 80; Field Sparrow, 1; White-throated Sparrow, 1; Song Sparrow, 25. **Total,** 37 species; about 673 individuals.—John Allen, Edna Banta, Barney Barry, Arthur Branham, Bill Buskirk, Bob Buskirk, Claudia Carr, Mary Ann Efroymson, Jim Falendar, Bruce Fall, Betty Jane Gough, Dick Hess, Steve Hiott, Fred Miller, Helen B. Miller (compiler), Bonnie Moore, Jeannie Moore, Robert Weaver, J. D. Webster, Jack Webster.

349. Michigan City, Ind. (all points within a 15-mile diameter circle, center same as in 1955).—Dec. 27; 7 a.m. to 5 p.m. Overcast, some rain; temp. 52° to 54°; wind S, 12 m.p.h.; ground bare, water open. Ten observers in 4 parties. Total party-hours, 28 (20 on foot, 8 by car); total party-miles, 112 (10 on foot, 102 by car). ► Horned Grebe, 4; Canada Goose, 4; Mallard, 28; Black Duck, 42; Lesser Scaup, 10; Common Goldeneye, 53; Bufflehead, 90; Oldsquaw, 25; Common Merganser, 35; Red-breasted Merganser, 3; Red-tailed Hawk, 1; Red-shouldered Hawk, 2; Marsh Hawk, 2; Sparrow Hawk, 4; Bobwhite, 2; Herring Gull, 225; Ring-billed Gull, 34; Mourning Dove, 8; Screech Owl, 1; **Snowy Owl, 1** (all observers, close range); Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 6; Hairy Woodpecker, 13; Downy Woodpecker, 21; Blue Jay, 67; Common Crow, 304; Black-capped Chickadee, 47; Tufted Titmouse, 36; White-breasted Nuthatch, 15; Carolina Wren, 2; **Mockingbird, 1**; Robin, 1; Cedar Waxwing, 1; Starling, 600; House Sparrow, 550; Redwinged Blackbird, 52; Rusty Blackbird, 1; Common Grackle, 1; Cardinal, 41; Evening Grosbeak, 20; Purple Finch, 12; Common Redpoll, 50; Pine Siskin, 2; Am. Goldfinch, 45; Slate-colored Junco, 200; Tree Sparrow, 415; Field Sparrow, 5; **Harris' Sparrow, 1** (carefully identified—L.B.); White-crowned Sparrow, 5; Swamp Sparrow, 2; Song Sparrow, 52; Lapland Longspur, 2. **Total,** 54 species; about 3148 individuals.—Laurie Binford, Ted Chandik, Charlie Clark, Paul Davis, Nora Grow, Raymond Grow (compiler), David Jasnieski, Jim Landing, Virginia Reuter-skiold, Si Segal.

350. Northern Lake Co., Ind. (all points within a 15-mile diameter circle, center same as in 1955).—Jan. 3; 7:15 a.m. to 4:30 p.m. Overcast, snow flurries; temp. 20° to 25°; wind W, 20-35 m.p.h.; ground bare, marshes frozen, Lake Michigan open. Four observers in 2 parties. Total party-hours, 11½ (6½ on foot, 5 by car); total party-miles, 78 (8 on foot, 70 by car). ► Horned Grebe, 2; Mallard, 37; Black Duck, 7; Lesser Scaup, 13; Common Goldeneye, 14; Oldsquaw, 1; Surf Scoter, 1; Ruddy Duck, 1; Common Merganser, 74; Red-breasted Merganser, 1; Sparrow Hawk, 5; Herring Gull, 140; Ring-billed Gull, 40; Red-bellied Woodpecker, 1; Hairy Woodpecker, 5; Downy Woodpecker, 2; Blue Jay, 22; Common Crow, 110; Starling, 850; House Sparrow, 900; Redwinged Blackbird, 52; Cardinal, 11; Purple Finch, 1; Slate-colored Junco, 82; Tree Sparrow, 310. **Total,** 25 species; about 2682 individuals.—Raymond Grow (compiler), Tom Litts, John Louis, Sam S. Slosman.

351. Richmond, Ind. (all points within a 15-mile diameter circle, center 6 miles southwest of city's center, including Municipal Airport, Clear Creek valley, Conservation Park, part of Whitewater River valley).—Dec. 26; 7:30 a.m. to 5 p.m. Cloudy, misting rain; temp. 44° to 48°; wind SE, 5 m.p.h.; ground bare, ponds, streams open. Twelve observers in 5 parties. Total party-hours, 33 (29 on foot, 4 by car); total party-miles, 70 (25 on foot, 45 by car). ► Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 1; Killdeer, 4; Mourning Dove, 36; Great Horned Owl, 1; Short-eared Owl, 3; Belted Kingfisher, 6; Yellow-shafted Flicker, 2; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 3; Hairy Woodpecker, 3; Downy Woodpecker, 41; Horned Lark, 11; Blue Jay, 10; Common Crow, 5; Carolina Chickadee, 75; Tufted Titmouse, 75; White-breasted Nuthatch, 20; Brown Creeper, 4; Carolina Wren, 32; Mockingbird, 3; Hermit Thrush, 1; Eastern Bluebird, 4; Golden-crowned Kinglet, 2; Starling, 302; House Sparrow, 415; Eastern Meadowlark, 8; Brown-headed Cowbird, 3; Cardinal, 69; Am. Goldfinch, 79; Rufous-sided Towhee, 1; Slate-colored Junco, 122; Tree Sparrow, 141; Field Sparrow, 5; Song Sparrow, 59. **Total,** 36 species; about 1550 individuals.—David Beach, Joseph Boone, John Confer, Duncan Curtis, Eric Curtis, David Dennis, William Dennis, James Gessaman (compiler), John Hampton, William Kem, Mabelle Snow, Velma Quinn.

352. South Bend, Ind. (all points within a 15-mile diameter circle, center corner of Michigan and Washington Streets as in previous counts; deciduous woods 30%, marshland 5%, open farmland 30%, open river 20%, cedar and spruce groves 5%, park 10%).—Dec. 27; 7 a.m. to 4:30 p.m. Cloudy; temp. 53° to 58°; wind S, 10 m.p.h.; river, lakes, creeks open. Thirty-one observers in 5 parties. Total party-hours, 52 (42 on foot, 10 by car); total party-miles, 258 (26 on foot, 232 by car). ► Mallard, 415; Black Duck, 37; Am. Widgeon, 2; Canvasback, 1; Lesser Scaup, 5; Common Goldeneye, 122; Hooded Merganser, 7; Common Merganser, 12; Red-tailed Hawk, 14; Sparrow Hawk, 11; Bobwhite, 44; Ring-necked Pheasant, 2; Am. Coot, 4; Herring Gull, 25; Ring-billed Gull, 11; Mourning Dove, 186; Screech Owl, 2; Great Horned Owl, 2; Barred Owl, 1; Belted Kingfisher, 6; Yellow-shafted Flicker, 4; Red-bellied Woodpecker, 5; Red-headed Woodpecker, 15; Hairy Woodpecker, 14; Downy Woodpecker, 57; Horned Lark, 3; Blue Jay, 158; Common Crow, 6285; Black-capped Chickadee, 93; Tufted Titmouse, 75; White-breasted Nuthatch, 66; Brown Creeper, 10; **Carolina Wren, 1**; **Mockingbird, 2**; Robin, 7; Golden-crowned Kinglet, 7; Cedar Waxwing, 41; Starling, 6521; House Sparrow, 1268; Eastern Meadowlark, 1; **Redwinged Blackbird, 2**; Cardinal, 160; **Common Redpoll, 91**; Am. Goldfinch, 60; Rufous-sided Towhee, 1; Slate-colored Junco,

279; Tree Sparrow, 148; **White-crowned Sparrow,** 1 (7 observers); Song Sparrow, 28; Snow Bunting, 1. **Total,** 50 species; about 16,313 individuals. (Seen in area count period; but not on count day: Snowy Owl, Common Grackle.)—W. A. Able, Ken Able, Vi Able, Dorthy Buck, John P. Buck, Mirva Dufendach, Russell Dufendach, E. P. Fetters, Mary Ann Gibson, R. E. Gibson, Frieda Gielow, Elizabeth Glynn, Frank Griffin, John H. Groet, Martha Hunter, Jim Kieffer, Karen Kieffer, Mary Madison, Dave Manuwal, Dorothy Meek, Jim Mueller, Nancy Rea (compiler), Robert V. Rea, Scott Rea, Virginia Singer, Ernest Ulbricht, F. Van Huffel, K. Van Huffel, S. Van Huffel, Elinor Vesey, George Vesey.

353. Southeastern LaPorte County, Ind. (all points within a 15-mile diameter circle, center Section 22 in Union Township).—Jan. 1; 7 a.m. to 5 p.m. Overcast to clear; temp. 18° to 38°; wind SW, 10 m.p.h.; ground bare, ice on still water only. Fifteen observers in 3 parties. Total party-hours, 26 (13 on foot, 13 by car); total party-miles, 126 (15 on foot, 111 by car). ► Canada Goose, 20; Mallard, **40,000** (great flight late afternoon); Black Duck, 200; Cooper's Hawk, 1; Red-tailed Hawk, 15; Rough-legged Hawk, 4; Marsh Hawk, 8; Sparrow Hawk, 5; Ring-necked Pheasant, 6; Mourning Dove, 135; Red-bellied Woodpecker, 1; Red-headed Woodpecker, **26**; Downy Woodpecker, 21; Horned Lark, 189 (2 races); Blue Jay, 72; Common Crow, 171; Black-capped Chickadee, 23; Tufted Titmouse, 42; White-breasted Nuthatch, 26; Red-breasted Nuthatch, 3; Starling, 273; House Sparrow, 778; Rusty Blackbird, 3; Cardinal, 47; Am. Goldfinch, 55; Slate-colored Junco, 132; Tree Sparrow, 553; Song Sparrow, 18; Lapland Longspur, 3; Snow Bunting, **100**. **Total,** 30 species (1 additional race); about 42,930 individuals.—Dorthy Buck (compiler), John P. Buck, John Groet, Myrtle Groet, Wanda Hayes, Carlyle Hunter, Martha Hunter, Dorothy Meek, Nancy Rea, R. Virgil Rea, Scott Rea, Francis Van Huffel, Katherine Van Huffel, Susan Van Huffel, John W. Vanek.

354. Southern Lake County, Ind. (all points within a 15-mile diameter circle, center same as in 1956).—Dec. 27; 6:45 a.m. to 4.45 p.m. Rain a.m., overcast p.m.; temp. 41° to 60°; wind SW, 5-15 m.p.h.; river and lakes open. Four observers in 2 parties. Total party-hours, 14 (10 on foot, 4 by car); total party-miles, 80 (6 on foot, 74 by car). ► Mallard, 50; Bufflehead, 200; Red-tailed Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 1; Ring-necked Pheasant, 1; Mourning Dove, 6; Screech Owl, 1; Great Horned Owl, 1; **Snowy Owl, 3** (on Kankakee River —F.B.); Long-eared Owl, 5; Belted Kingfisher, 1; Red-bellied Woodpecker, 1; Red-headed Woodpecker, 19; Downy Woodpecker, 7; Blue Jay, 55; Common Crow, 235; Black-capped Chickadee, 8; Tufted Titmouse, 7; White-breasted Nuthatch, 6; Starling, 548; House Sparrow, 158; Cardinal, 25; Purple Finch, 14; Am. Goldfinch, 21; Slate-colored Junco, 65; Tree Sparrow, 130; Swamp Sparrow, 6; Song Sparrow, 11. **Total,** 29 species; about 1587 individuals.—Fred Brewster, Tom Litts, John Louis (compiler), Sam Slosman.

355. Willow Slough State Game Preserve, Ind. (all points within a 15-mile diameter circle, center same as in 1955).—Jan. 2; 7:15 a.m. to 4:45 p.m. Overcast, rain p.m.; temp. 36° to 37°; wind S, 15-20 m.p.h.; ground bare, some marshes frozen, lake open. Two observers in 1 party. Total party-hours, 9½ (4 on foot, 5½ by car); total party-miles, 59 (6 on foot, 53 by car). ► Great Blue Heron, 1; Canada Goose, 3000; Mallard, 4000; Black Duck, 1000; Pintail, 7; Am. Widgeon, 6; Common Merganser, 8; Red-tailed Hawk, 1; Marsh Hawk, 4; Bobwhite, 9; Ring-necked Pheasant, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 2; Red-headed Woodpecker, 1; Downy Woodpecker, 2; Horned Lark, 30; Blue Jay, 26; Common Crow, 43; Black-capped Chickadee, 4; Starling, 3; House Sparrow, 12; Cardinal, 14; Slate-colored Junco, 30; Tree Sparrow, 95; Song Sparrow, 2. **Total,** 25 species; about 8302 individuals.—Raymond Grow (compiler), Tom Litts.

356. Bird Haven Sanctuary, Ill. (all points within a 15-mile diameter circle, center Bird Haven; deciduous forest 10%, open farmland 90%).—Dec. 28; 7 a.m. to 4:45 p.m. Cloudy and rainy; temp. 38° to 36°; wind SW, 8 m.p.h.; creeks open. Nineteen observers in 5 parties. Total party-hours, 35 (11 on foot, 24 by car); total party-miles, 315 (10 on foot, 305 by car). ► Canada Goose, 75; Mallard, 40; Cooper's Hawk, 1; Red-tailed Hawk, 45; Red-shouldered Hawk, 12; Rough-legged Hawk, 2; Marsh Hawk, 21; Sparrow Hawk, 38; Bobwhite, 11; Mourning Dove, 170; Great Horned Owl, 2; Barred Owl, 2; Yellow-shafted Flicker, 21; Red-bellied Woodpecker, 30; Red-headed Woodpecker, 8; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 7; Downy Woodpecker, 43; Horned Lark, 82; Blue Jay, 174; Common Crow, 141; Black-capped Chickadee, 115; Tufted Titmouse, 48; White-breasted Nuthatch, 4; Brown Creeper, 2; Carolina Wren, 21; Mockingbird, 62; Robin, 15; Eastern Bluebird, 57; Loggerhead Shrike, 13; Starling, 532; House Sparrow, 908; Eastern Meadowlark, 348; Redwinged Blackbird, 21; Cardinal, 330; Purple Finch, 1; Am. Goldfinch, 158; Rufous-sided Towhee, 4; Slate-colored Junco, 438; Tree Sparrow, 261; Field Sparrow, 2; White-crowned Sparrow, 98; White-throated Sparrow, 11; Fox Sparrow, 1; Swamp Sparrow, 4; Song Sparrow, 59. **Total,** 46 species; about 4441 individuals. (Seen in area count period, but not on count day: Great Blue Heron, Belted Kingfisher.)—Mr. and Mrs. Arnold Anderson, Vivian Bridges, W. R. Bridges (compiler), Roy Lathrop, Mrs. W. E. Redman, Mildred Redman, Mr. and Mrs. Chester Scherer.

357. Blue Island, Ill. (all points within a 15-mile diameter circle, center ?, including western suburbs, western Blue Island, Tinley Park bird banding station, Orland Wildlife Preserve, Mt. Hope and Holy Sepulchre Cemeteries; farm and open fields 45%, oak woods 30%, lake area 10%, towns 10%, spruce stands 5%). —Dec. 25; 8 a.m. to 4:30 p.m. Sunny most of day; temp. 29° to 35°; wind SE, 3-8 m.p.h.; ground with 4-in. snow. One observer. Total hours, 8½ (3½ on foot, 5 by car); total miles, 104 (3 on foot, 101 by car). ► Mallard, 2; Black Duck, 45; Red-tailed Hawk, 2; Red-shouldered Hawk, 2; Sparrow Hawk, 3; Ring-

necked Pheasant, 9; Herring Gull, 13; Mourning Dove, 29; Screech Owl, 1; Long-eared Owl, 1; Red-bellied Woodpecker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 4; Blue Jay, 10; Common Crow, 59; Black-capped Chickadee, 19; White-breasted Nuthatch, 2; Brown Creeper, 1; Starling, 1009; House Sparrow, 175; Redwinged Blackbird, 3; Common Grackle, 54; Cardinal, 10; **Rufous-sided Towhee, 1**; Slate-colored Junco, 46; Tree Sparrow, 12; Song Sparrow, 2. **Total,** 27 species; about 1518 individuals. (Seen in area count period, but not on count day: Barn Owl, Red-headed Woodpecker, Yellow-bellied Sapsucker, White-throated Sparrow.)—Karl E. Bartel.

358. Bushnell, Ill. (all points within a 15-mile diameter circle, center same as last year).—Jan. 1; 7 a.m. to 5 p.m. Partly cloudy to cloudy; temp. 27° to 36°; wind SE, 10-15 m.p.h.; ground clear, water mostly open. Four observers in 1 party. Total party-hours, 10 (3 on foot, 7 by car); total party-miles, 79 (5 on foot, 74 by car). ► Red-tailed Hawk, 12; Rough-legged Hawk, 1; Marsh Hawk, 4; Sparrow Hawk, 11; Killdeer, 2; Mourning Dove, 10; Screech Owl, 1; Yellow-shafted Flicker, 2; Red-bellied Woodpecker, 8; Red-headed Woodpecker, 3; Hairy Woodpecker, 1; Downy Woodpecker, 18; Horned Lark, 40; Blue Jay, 34; Common Crow, 35; Black-capped Chickadee, 12; Tufted Titmouse, 13; White-breasted Nuthatch, 14; Carolina Wren, 2; Mockingbird, 2; Loggerhead Shrike, 2; Starling, 333; House Sparrow, 387; Common Grackle, 1; Cardinal, 36; Am. Goldfinch, 5; Slate-colored Junco, 66; Tree Sparrow, 135; Swamp Sparrow, 1; Song Sparrow, 10. **Total,** 30 species; about 1201 individuals.—Peggy Flewellen, Larry L. Hood (compiler), Doris R. Scholes, John H. Scholes.

359. Chautauqua National Wildlife Refuge, Ill. (all points within a 15-mile diameter circle, center at refuge headquarters; deciduous bottomland hardwoods 75%, lakes 20%, towns 5%).—Jan. 3, 7:45 a.m. to 5:15 p.m. Cloudy to partly cloudy; temp. 23° to 28°; wind W, 10-15 m.p.h.; no snow, all water areas ice-free. One observer. Total hours, 9½ (4½ on foot, 5 by car); total miles, 40 (5 on foot, 35 by car). ► Great Blue Heron, 58; Canada Goose, 147; Mallard, 38,145; Black Duck, 1050; Pintail, 2; Wood Duck, 4; Canvasback, 521; Lesser Scaup, 42; Common Goldeneye, 147; Hooded Merganser, 1; Common Merganser, 134; Red-shouldered Hawk, 1; Bald Eagle, 6; Ring-necked Pheasant, 2; Herring Gull, 1280; Ring-billed Gull, 1340; Short-eared Owl, 1; Red-bellied Woodpecker, 10; Hairy Woodpecker, 1; Downy Woodpecker, 8; Blue Jay, 19; Common Crow, 38; Black-capped Chickadee, 33; Tufted Titmouse, 5; White-breasted Nuthatch, 12; Mockingbird, 2; Robin, 1; Starling, 211; House Sparrow, 516; Cardinal, 189; Slate-colored Junco, 236; Tree Sparrow, 112; Swamp Sparrow, 8; Song Sparrow, 1. **Total,** 34 species; about 44,283 individuals. (Seen in area count period, but not on count day: Marsh Hawk, Mourning Dove, Belted Kingfisher.)—K. Duane Norman.

360. Chicago, Ill. (all points within a 15-mile diameter circle, center at Touhy and Lincoln Aves. in Lincolnwood, including all Lakefront and Forest Preserve District in area, and Graceland, Rosehill and Memorial Park Cemeteries).—Dec. 26; 7 a.m. to 4:30 p.m. Overcast, rain, fog; temp. 40° to 50°; wind S, 5-10 m.p.h.; lake open but fogbound, rivers open, harbors partially open, 3-in. snow cover. Twenty-seven observers in 7 parties. Total party-hours, 52 (44 on foot, 8 by car); total party-miles, 171 (42 on foot, 129 by car). ► Horned Grebe, 1; **Canada Goose, 2**; **Blue Goose, 2**; Mallard, 65; Black Duck, 5; Lesser Scaup, 1002; Common Goldeneye, 247; **Barrow's Goldeneye, 1** (several weeks); Oldsquaw, 102; Common Merganser, 96; Red-breasted Merganser, 39; Red-tailed Hawk, 4; Sparrow Hawk, 6; Ring-necked Pheasant, 47; Herring Gull, 3243; Ring-billed Gull, 427; **Franklin's Gull, 1** (carefully identified—Mrs. W.H., J.R.); Bonaparte's Gull, 2; Mourning Dove, 4; Great Horned Owl, 1; **Snowy Owl,** 1; Belted Kingfisher, 1; Red-bellied Woodpecker, 2; **Red-headed Woodpecker,** 1; Hairy Woodpecker, 7; Downy Woodpecker, 57; Blue Jay, 22; Common Crow, 151; Black-capped Chickadee, 157; White-breasted Nuthatch, 14; Red-breasted Nuthatch, 1; Brown Creeper, 11; Robin, 5; Golden-crowned Kinglet, 9; Cedar Waxwing, 1; Starling, 1200; House Sparrow, 420; Cardinal, 74; Purple Finch, 9; Am. Goldfinch, 35; Slate-colored Junco, 111; Tree Sparrow, 54; Song Sparrow, 14. **Total,** 43 species; about 7654 individuals.—Mr. and Mrs. Kenneth Anglemire, Elanore Bilandic, Mr. and Mrs. Fred Brechlin, Irene Buchanan, Eugene Cole, Mrs. Harvey Davids, Charles Easterberg, Joseph F. Healy, Vera Heatley, Stanley Hedeen, Mr. and Mrs. John Helmer, Mrs. Walter S. Huxford, John Janusz, Jr., Ronald John, Mr. and Mrs. Russell L. Mannette, Helen McMillen, Amanda Olson, Robert Russell, Cathy Schaffer, Phillip Steffen, James R. Ware (compiler), F. Crosby Whitehead, Mrs. Janet Zimmerman.

361. Crab Orchard Wildlife Refuge, Ill. (all points within a 15-mile diameter circle, center on Crab Orchard Wildlife Refuge, including parts of Little Grassy Lake and Devil's Kitchen Lake; fields 20%, shore 25%, swamp woodland 15%, upland 35%, pine plantation 5%).—Dec. 29; 6 a.m. to 4 p.m. Cloudy; temp. 35° to 40°; wind NW, 5-15 m.p.h. Nine observers in 4 parties. Total party-hours, 31 (16 on foot, 15 by car); total party-miles, 147 (12 on foot, 135 by car). ► Horned Grebe, 2; Great Blue Heron, 12; Canada Goose, 20,630; Mallard, 2662; Black Duck, 61; Gadwall, 2; Pintail, 3; Am. Widgeon, 1; Ring-necked Duck, 2; Canvasback, 1; Lesser Scaup, 89; Common Goldeneye, 8; Hooded Merganser, 8; Common Merganser, 1392; Cooper's Hawk, 3; Red-tailed Hawk, 18; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Bald Eagle, 16; Marsh Hawk, 1; Sparrow Hawk, 15; Bobwhite, 111; Am. Coot, 2; Herring Gull, 312; Ring-billed Gull, 363; Mourning Dove, 58; Barred Owl, 2; Belted Kingfisher, 3; Yellow-shafted Flicker, 35; Pileated Woodpecker, 2; Red-bellied Woodpecker, 10; Hairy Woodpecker, 4; Downy Woodpecker, 21; Horned Lark, 3; Blue Jay, 70; Common Crow, 156; Black-capped Chickadee, 82; Tufted Titmouse, 12; White-breasted Nuthatch, 2; Brown Creeper, 7; Winter Wren, 1; Carolina Wren, 17; Mockingbird, 53; Brown Thrasher, 2; Robin, 2; Eastern Bluebird, 21; Golden-crowned Kinglet, 12; Cedar

Waxwing, 51; Loggerhead Shrike, 8; Starling, 1,302,-942; House Sparrow, 84; Eastern Meadowlark, 55; Redwinged Blackbird, 600,001; Common Grackle, 400,004; Brown-headed Cowbird, 200,000; Cardinal, 244; Purple Finch, 5; Am. Goldfinch, 52; Slate-colored Junco, 328; Tree Sparrow, 127; Field Sparrow, 14; White-crowned Sparrow, 98; White-throated Sparrow, 15; Swamp Sparrow, 2; Song Sparrow, 21. **Total,** 65 species; about 2,530,343 individuals. (Seen in area count period, but not on count day: Common Loon, Pied-billed Grebe, Redhead, Bufflehead, Killdeer, Great Horned Owl, Rufous-sided Towhee.)—Lee Bush (compiler), W. D. Carter, David Davis, Ben Gelman, Kent Olsen, Bob Rice, Larry Sheffield, Harry Stiles, Jack Toll.

362. Decatur, Ill. (all points within a 15-mile diameter circle, center same as 1952 and subsequent years; weeds and thickets 15%, river and stream bottomlands 13%, water 15%, fields, pastures, and open country 12%, evergreens 5%, shore 3%, marsh 2%, 35%=?—Ed.).—Dec. 27; 4:30 a.m. to 5 p.m. Cloudy, rain p.m.; temp. 35° to 42°; wind NW, 5-15 m.p.h.; ground muddy, lakes, rivers, and streams unfrozen. Ten observers in 6 parties. Total party-hours, 62 (22 on foot, 40 by car); total party-miles, 427 (38 on foot, 389 by car). ► Horned Grebe, 1; Great Blue Heron, 1; Mallard, 641; Black Duck, 309; Pintail, 1; Am. Widgeon, 7; Redhead, 1; Canvasback, 2; scaup (sp.), 34; Common Goldeneye, 40; Bufflehead, 2; Common Merganser, 12; Red-tailed Hawk, 6; Red-shouldered Hawk, 2; Rough-legged Hawk, 2; Marsh Hawk, 5; Sparrow Hawk, 23; Bobwhite, 65; Ring-necked Pheasant, 5; Am. Coot, 1; Killdeer, 10; Herring Gull, 11; Ring-billed Gull, 115; **Bonaparte's Gull,** 1; Mourning Dove, 24; Screech Owl, 3; Great Horned Owl, 3; Barred Owl, 8; Belted Kingfisher, 8; Yellow-shafted Flicker, 38; Red-bellied Woodpecker, 104; Red-headed Woodpecker, 8; Hairy Woodpecker, 19; Downy Woodpecker, 118; Horned Lark, 120; Blue Jay, 172; Common Crow, 2382; Black-capped Chickadee, 180; Tufted Titmouse, 162; White-breasted Nuthatch, 42; Brown Creeper, 16; Carolina Wren, 62; Mockingbird, 21; **Brown Thrasher,** 1; Robin, 2; Golden-crowned Kinglet, 1; Cedar Waxwing, 25; Starling, 691; **Orange-crowned Warbler,** 1 (seen well at 8 ft.—R.K.); House Sparrow, 1131; Eastern Meadowlark, 3; Redwinged Blackbird, 10; Common Grackle, 1; Cardinal, 257; Purple Finch, 35; Am. Goldfinch, 136; Rufous-sided Towhee, 1; Slate-colored Junco, 197; Tree Sparrow, 258; Field Sparrow, 3; White-crowned Sparrow, 3; White-throated Sparrow, 13; Fox Sparrow, 13; Swamp Sparrow, 26; Song Sparrow, 130; Lapland Longspur, 165. **Total,** 66 species; about 7890 individuals. (Seen in area count period, but not on count day: Canada Goose, **Harlequin Duck,** Ring-necked Duck, Hooded Merganser, Cooper's Hawk.)—Mrs. Ralph Allan, George E. Chaniot, Jr. (compiler), Dean B. Gorham, Mr. and Mrs. Frank Irwin, Robert P. Kirby, Mr. and Mrs. C. T. Nearing, Corinne Rigg, Richard Sandburg.

363. Elsah, Ill. (all points within a 15-mile diameter circle, center same as previous years).—Jan. 1; 8 a.m. to 3 p.m. Overcast to clear; temp. 30° to 40°; wind E, 3-4 m.p.h. Ten observers in 4 parties. Total party-hours, 20 (12 on foot, 8 by car); total party-miles, 30 (6 on foot, 24 by car). ► Great Blue Heron, 1; Lesser Scaup, 4; Red-tailed Hawk, 4; Bald Eagle, 3; Marsh Hawk, 1; Sparrow Hawk, 1; Bobwhite, 11; Herring Gull, 8; Mourning Dove, 5; Great Horned Owl, 2; Barred Owl, 2; Yellow-shafted Flicker, 4; Pileated Woodpecker, 2; Red-bellied Woodpecker, 13; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 7; Downy Woodpecker, 23; Horned Lark, 7; Blue Jay, 12; Common Crow, 27; Black-capped Chickadee, 13; Tufted Titmouse, 43; White-breasted Nuthatch, 13; Winter Wren, 1; Carolina Wren, 11; Mockingbird, 2; Robin, 2; Eastern Bluebird, 2; Ruby-crowned Kinglet, 1; Cedar Waxwing, 16; Starling, 2; House Sparrow, 48; Eastern Meadowlark, 2; Redwinged Blackbird, 16; Common Grackle, 1; Cardinal, 39; Am. Goldfinch, 2; Slate-colored Junco, 133; Tree Sparrow, 2; Field Sparrow, 3; Song Sparrow, 4. **Total,** 42 species; about 495 individuals.—R. Andrews, Mrs. Vivian Burnett, Mr. and Mrs. J. M. Farmer, Dr. and Mrs. G. B. Happ, Percilla Harmon, Paul Kilburn, Mrs. William E. Morgan, John Wanamaker (compiler).

364. Joliet, Ill. (all points within a 15-mile diameter circle, center near Channahon, including parts of DuPage River, Illinois River, Kankakee River, Des Plaines to Channahon, Lake Renwick at Plainfield).—Jan. 2; 7 a.m. to 4:30 p.m. Partly sunny; temp. 30° to 45°; wind SE, 15-25 m.p.h.; rivers and lake open. Nineteen observers in 4 parties. Total party-hours, 30 (7 on foot, 23 by car); total party-miles, 135 (9 on foot, 126 by car). ► Common Loon, 2; Great Blue Heron, 5; Mallard, 2570; Black Duck, 568; Pintail, 9; Am. Widgeon, 2; Canvasback, 10; scaup (sp.), 22; Common Goldeneye, 45; Common Merganser, 118; Red-breasted Merganser, 26; Red-tailed Hawk, 7; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; buteo (sp.), 1; Marsh Hawk, 1; Sparrow Hawk, 10; Ring-necked Pheasant, 19; Am. Coot, 1; Killdeer, 1; Herring Gull, 5; Ring-billed Gull, 50; gull (sp.), 37; Mourning Dove, 2; Screech Owl, 1; Belted Kingfisher, 4; Yellow-shafted Flicker, 8; Red-bellied Woodpecker, 8; Hairy Woodpecker, 8; Downy Woodpecker, 15; Horned Lark, 1; Blue Jay, 7; Common Crow, 66; Black-capped Chickadee, 54; Tufted Titmouse, 6; White-breasted Nuthatch, 3; Red-breasted Nuthatch, 4; Brown Creeper, 21; Winter Wren, 1; Carolina Wren, 2; Robin, 16; Golden-crowned Kinglet, 2; Northern Shrike, 1; Starling, 388; House Sparrow, 375; Redwinged Blackbird, 150; Common Grackle, 1; Brown-headed Cowbird, 30; Cardinal, 21; Purple Finch, 1; Am. Goldfinch, 13; Red Crossbill, 8 [no details—Ed.]; Slate-colored Junco, 106; Tree Sparrow, 48; Song Sparrow, 17. **Total,** 53 species; about 4862 individuals.—David Anderson, Karl Bartel, Richard Blaesing, Mrs. E. D. Collins, G. N. Hufford, W. L. Hughes (compiler), Margaret Lehmann, Fr. Reinhold Link, Calvin Lustick, Hilda McIntosh, Bill Murphy, W. Rutter, Robert Schmitt, Paul Schulze, Margaret Smith, C. A. Westcott, Helen Wilson, G. H. Woodruff, John Yondorf.

365. Morton Arboretum, Lisle, Ill. (all points within a 15-mile diameter circle, center Morton Arboretum, including entire 800 acres of Morton Arboretum, Saganashkee Slough and forest preserve to north, Bemis Woods forest preserve; semi-open area 15%, open fields and farmland 10%, oak woods 35%, pine and spruce stands 30%, riverbottom 10%).—Dec. 27; 8 a.m. to 4:30 p.m. Cloudy, raining hard at times; temp. 29° to 50°; wind SE, 10-20 m.p.h.; almost no snow left, streams running full. Fourteen observers in 3 parties. Total party-hours, 26 (24 on foot, 2 by car); total party-miles, 108 (60 on foot, 48 by car). ► Great Blue Heron, 2; Mallard, 12; Lesser Scaup, 2; Common Merganser, 16; Red-tailed Hawk, 6; Red-shouldered Hawk, 5; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 5; Ring-necked Pheasant, 10; Herring Gull, 66; Mourning Dove, 4; Great Horned Owl, 1; Long-eared Owl, 9; Saw-whet Owl, 1; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 7; Hairy Downpecker, 8; Downy Woodpecker, 28; Blue Jay, 51; Common Crow, 252; Black-capped Chickadee, 77; Tufted Titmouse, 9; White-breasted Nuthatch, 11; Red-breasted Nuthatch, 3; Brown Creeper, 5; Carolina Wren, 1; Robin, 28; Golden-crowned Kinglet, 11; Cedar Waxwing, 10; Northern Shrike, 1; Starling, 147; House Sparrow, 136; Eastern Meadowlark, 2; Redwinged Blackbird, 2; Common Grackle, 1; Cardinal, 71; Purple Finch, 76; Common Redpoll, 6; Pine Siskin, 94; Am. Goldfinch, 83; Rufous-sided Towhee, 2; Slate-colored Junco, 202; Tree Sparrow, 79; White-throated Sparrow, 11; Fox Sparrow, 4; Swamp Sparrow, 3; Song Sparrow, 28. **Total,** 48 species; about 1591 individuals.—Bertha Bannert, Karl E. Bartel, Frank Gersh, Oliver C. Heywood, Richard B. Hoger, Edmund J. Jurica, Victor J. Laketek, Margaret C. Lehmann (compiler), Paul Lobik, Emil Malavolti, Paul Schulze, Charles Westcott, Kenneth Wilz, John Yondorf.

366. Pere Marquette State Park, Ill. (all points within a 15-mile diameter circle, center 5 miles west of Grafton, including both sides of Illinois River and Swan Lake Refuge).—Dec. 27; 6:30 a.m. to 5:30 p.m. Fog and rain, clearing by evening; temp. 60° to 48°; wind 0-15 m.p.h. Seventeen observers in 1 party. Total party-hours, 11; total party-miles, 96 (6 on foot, 90 by car). ► Great Blue Heron, 23; Canada Goose, 5; Blue Goose, 325; Mallard, 17,000; Black Duck, 6; Am. Widgeon, 4; Common Merganser, 8; Cooper's Hawk, 2; Red-tailed Hawk, 6; Bald Eagle, 13; Marsh Hawk, 1; Peregrine Falcon, 3; Sparrow Hawk, 8; Bobwhite, 1; Ring-billed Gull, 8500; Mourning Dove, 9; Great Horned Owl, 1; Yellow-shafted Flicker, 30; Red-bellied Woodpecker, 12; Hairy Woodpecker, 4; Downy Woodpecker, 18; Blue Jay, 9; Common Crow, 700; Black-capped Chickadee, 22; Tufted Titmouse, 53; White-breasted Nuthatch, 8; Brown Creeper, 1; Carolina Wren, 8; Mockingbird, 2; Robin, 8; Eastern Bluebird, 20; Starling, 125; House Sparrow, 175; Eastern Meadowlark, 62; Redwinged Blackbird, 25; Common Grackle, 15; Cardinal, 53; Am. Goldfinch, 60; Slate-colored Junco, 246; Tree Sparrow, 58; Field Sparrow, 2; White-crowned Sparrow, 54; White-throated Sparrow, 1; Song Sparrow, 6. **Total,** 44 species; about 27,692 individuals.—Jack Buese, Bess Harris, O. C. K. Hutchinson (compiler), Mildred Schaefer.

367. Princeton, Ill. (all points within a 15-mile diameter circle, center on Bureau Junction, including Bureau Creek, Old Red Mill Road, Thomas and Callinan Woods, Illinois River Area, Hennepin Pike Road; town 10%, farmlands 20%, highways 20%, timber 25%, river 25%).—Dec. 28; 7 a.m. to 4 p.m. Mist, sleet, snow; temp. 36° to 36°; wind SW, 8 m.p.h. Eight observers in 4 parties. Total party-hours, 8 (2 on foot, 6 by car); total party-miles, 200 (10 on foot, 190 by car). ► Canada Goose, 14; Mallard, 45; Black Duck, 5; Red-tailed Hawk, 15; Rough-legged Hawk, 1; Marsh Hawk, 5; Sparrow Hawk, 7; Bobwhite, 17; Glaucous Gull, 10 [no details—Ed.]; Herring Gull, 405; Mourning Dove, 2; Great Horned Owl, 2; Yellow-shafted Flicker, 3; Red-bellied Woodpecker, 44; Red-headed Woodpecker, 58; Hairy Woodpecker, 15; Downy Woodpecker, 34; Horned Lark, 2; Blue Jay, 80; Common Crow, 100; Black-capped Chickadee, 164; Tufted Titmouse, 34; White-breasted Nuthatch, 51; Red-breasted Nuthatch, 1; Brown Creeper, 2; Winter Wren, 2; Mockingbird, 1; Robin, 1; Golden-crowned Kinglet, 20; Ruby-crowned Kinglet, 2; Cedar Waxwing, 13; Starling, 395; House Sparrow, 700; Rusty Blackbird, 1520; Cardinal, 48; Purple Finch, 12; Common Redpoll, 2; Pine Siskin, 6; Am. Goldfinch, 240; Savannah Sparrow, 1; Vesper Sparrow, 1; Lark Sparrow, 5 [no details—Ed.]; Slate-colored Junco, 93; Oregon Junco, 2; Tree Sparrow, 59; Field Sparrow, 24; White-crowned Sparrow, 2; Song Sparrow, 19. **Total,** 48 species; about 4284 individuals.—Mrs. Orville Cater, Mrs. Al Dyke, Donnabelle Fry, Carl H. Kramer (compiler), Peggy Kramer, Marjorie Powell, Mary Smith, R. W. Webster (Bureau Valley Audubon Society).

368. Rockford, Ill. (all points within a 15-mile diameter circle, center same as last year; open fields and farms 30%, coniferous plantings 5%, creek and river borders 20%, deciduous woodlands 30%, marshlands and riverbottom sloughs 15%).—Jan. 1; 7 a.m. to 5 p.m. Cloudy; temp. 27° to 35°; wind SSE, 3-18 m.p.h.; 1-in. snow on ground, flowing water open. Twenty-two observers in 7 parties. Total party-hours, 51 (29 on foot, 22 by car); total party-miles, 302 (57 on foot, 245 by car). ► Great Blue Heron, 1; Canada Goose, 2; Mallard, 50; Black Duck, 7; Wood Duck, 1; Common Goldeneye, 10; Sharp-shinned Hawk, 2; Cooper's Hawk, 4; Red-tailed Hawk, 21; Red-shouldered Hawk, 7; Rough-legged Hawk, 13; Marsh Hawk, 1; Sparrow Hawk, 4; Ring-necked Pheasant, 24; Gray Partridge, 15; Common Snipe, 1; Herring Gull, 3; Mourning Dove, 46; Screech Owl, 1; Great Horned Owl, 4; Barred Owl, 2; Long-eared Owl, 22; Short-eared Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 13; Red-bellied Woodpecker, 32; Red-headed Woodpecker, 27; **Yellow-bellied Sapsucker,** 1; Hairy Woodpecker, 10; Downy Woodpecker, 61; Horned Lark, 42; Blue Jay, 126; Common Crow, 568; Black-capped Chickadee, 199; Tufted Titmouse, 44; White-breasted Nuthatch, 55; Red-breasted Nuthatch, 9; Brown Creeper, 10; Robin, 8; Golden-crowned Kinglet, 6; Starling, 1393; House Sparrow, 951; West-

ern Meadowlark, 6; Redwinged Blackbird, 4; Common Grackle, 3; Cardinal, 58; Evening Grosbeak, 1; Purple Finch, 9; Am. Goldfinch, 90; Slate-colored Junco, 378; Tree Sparrow, 404; **Harris' Sparrow, 1** (present since Nov., caught and banded); White-throated Sparrow, 1; Swamp Sparrow, 2; Song Sparrow, 11. **Total,** 55 species; about 4767 individuals. (Seen in area count period, but not on count day: Carolina Wren, **Red Crossbill,** Rufous-sided Towhee.)—Donald Bennett, Harold Bennett, Francis Colehour, Richard Coxhead, Phil Doers, Shermann Ehlert, Bob Hyson, Betty Lou Johnson, Lee G. Johnson (compiler), Milton Mahlburg, Suzanne Mahlburg, Jack Oberg, Don Smith Prentice, Clifford Ramsby, Frank Renn, Florence Schenck, David E. Seal, Daryl Stombaugh, Sylvia D. Timm.

369. **Springfield, Ill.** (all points within a 15-mile diameter circle, center city square, including Lake Springfield, Clear Lake, Oak Ridge Cemetery, Carpenter's Park, Winch's Lane, Chatham Flats, Sangamon River; water 5%, riverbottom 15%, river bluffs 5%, pasture 20%, plowland 40%, city parks 15%).—Dec. 27; 7:30 a.m. to 5 p.m. Overcast, drizzle all day; temp. 57° to 60°; wind SSE, 15 m.p.h.; water open, ground bare. Thirteen observers in 5 parties. Total party-hours, 30 (20 on foot, 10 by car); total party-miles, 206 (10 on foot, 196 by car). ► Canada Goose, 240; Blue Goose, 1; Mallard, 527; Black Duck, 1000; Common Goldeneye, 7; Hooded Merganser, 4; Common Merganser, 30; Sharp-shinned Hawk, 1; Red-tailed Hawk, 1; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 5; Sparrow Hawk, 8; Bobwhite, 11; Am. Coot, 9; Herring Gull, 11; Ring-billed Gull, 105; Mourning Dove, 9; Barred Owl, 2; Yellow-shafted Flicker, 10; Red-bellied Woodpecker, 15; Red-headed Woodpecker, 18; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 32; Horned Lark, 36; Blue Jay, 53; Common Crow, 106; Black-capped Chickadee, 76; Tufted Titmouse, 48; White-breasted Nuthatch, 8; Red-breasted Nuthatch, 4; Brown Creeper, 7; Carolina Wren, 29; Mockingbird, 5; Eastern Bluebird, 8; Cedar Waxwing, 8; Starling, 8500; House Sparrow, 700; Eastern Meadowlark, 2; Redwinged Blackbird, 3; Common Grackle, 10; Brown-headed Cowbird, 3; Cardinal, 110; Purple Finch, 2; Am. Goldfinch, 73; Slate-colored Junco, 241; Tree Sparrow, 51; Field Sparrow, 2; Song Sparrow, 21. **Total,** 50 species; about 12,156 individuals. (Seen in area count period, but not on count day: Screech Owl, Winter Wren, Robin, **Red Crossbill.**)—Dr. and Mrs. Richard Allyn, Beatrice Foster, Vernon Greening, Ellen Hopkins, Beatrice Hopwood, Al Kaszynski, Emma Leonhard, William O'Brien, Opel M. Rippey, W. A. Sausaman (compiler), Daisy Thompson, Richard Ware (Springfield Nature League).

370. **Urbana–Champaign, Ill.** (all points within a 15-mile diameter circle, centered to include Sangamon River near White Heath, Lake-of-the-Woods, Trelease Woods, south farms at University, intervening farmlands; woods 30%, forest-edge 30%, open country 40%).—Dec. 26; 8 a.m. to 4 p.m. Mostly cloudy; temp. 50° to 58°; wind S, moderately strong. Seven observers in 3 parties. Total party-hours, 14 (10 on foot, 4 by car); total party-miles, 104 (14 on foot, 90 by car). ► Canada Goose, 17; Mallard, 27; Black Duck, 3; Redhead, 1; Lesser Scaup, 2; Turkey Vulture, 1 (J.B.); Red-tailed Hawk, 5; Red-shouldered Hawk, 3; Marsh Hawk, 3; Sparrow Hawk, 3; Ring-necked Pheasant, 25; Am. Coot, 1; Mourning Dove, 110; Great Horned Owl, 2; Barred Owl, 1; Yellow-shafted Flicker, 12; Red-bellied Woodpecker, 25; Red-headed Woodpecker, 54; Hairy Woodpecker, 11; Downy Woodpecker, 26; Horned Lark, 7; Blue Jay, 42; Common Crow, 73; Black-capped Chickadee, 35; Tufted Titmouse, 51; White-breasted Nuthatch, 8; Brown Creeper, 3; Carolina Wren, 11; Robin, 2; Eastern Bluebird, 1; Starling, 2500; House Sparrow, 400; Eastern Meadowlark, 3; Common Grackle, 20; Cardinal, 36; Purple Finch, 3; Am. Goldfinch, 65; Slate-colored Junco, 52; Tree Sparrow, 65; White-throated Sparrow, 1; Fox Sparrow, 4; Song Sparrow, 5. **Total,** 42 species; about 3719 individuals.—O. K. Bower, John Bursewicz, Lois Drury, Joseph Kastelic, S. C. Kendeigh (compiler), P. R. Norton, W. W. Wohlfarth.

371. **Waukegan, Ill.** (all points within a 15-mile diameter circle, center Waukegan Harbor, including lake front, woods and fields north of Waukegan, Public Service cooling pond, bird feeder in Lake Bluff, estates and woods in Lake Bluff; lake edge 50%, evergreens 10%, open fields 30%, inland ponds and creeks 10%).—Jan. 1; 8 a.m. to 4:30 p.m. Clear; temp. 29° to 35°; wind SE, 10-20 m.p.h.; 1-in. fresh snow on ground, Lake Michigan and ponds open, creeks partly frozen. Seventeen observers in 2 parties. Total party-hours, 8½ (4½ on foot, 4 by car); total party-miles, 39 (19 on foot, 20 by car). ► Eared Grebe, 1 [no details—Ed.]; Pied-billed Grebe, 1; Mallard, 19 (1 albino); Mallard x Am. Widgeon hybrid, 1; Mallard x ? hybrid, 1; Am. Widgeon, 5; Redhead, 1; Canvasback, 5; Greater Scaup, 6; Lesser Scaup, 226; Common Goldeneye, 65; Bufflehead, 6; Oldsquaw, 3; Common Merganser, 18; Red-breasted Merganser, 36; Sparrow Hawk, 2; Am. Coot, 11; Herring Gull, 213; Ring-billed Gull, 311; Great Horned Owl, 1; Long-eared Owl, 1; Hairy Woodpecker, 3; Downy Woodpecker, 5; Blue Jay, 2; Common Crow, 6; Black-capped Chickadee, 5; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 3; Brown Creeper, 1; Starling, 13; House Sparrow, 50; Redwinged Blackbird, 5; Cardinal, 2; Purple Finch, 1; Pine Siskin, 48; Am. Goldfinch, 32; Slate-colored Junco, 10; Tree Sparrow, 130; Field Sparrow, 1; Song Sparrow, 2. **Total,** 38 species (2 additional hybrids); about 1254 individuals.—Amy G. Baldwin, Bertha Bannert, Karl E. Bartel, Rheba Campbell, Howard T. Dean, Frank Gersh, Vera Heatley, Mildred Jemilo, John Helmer, Mrs. Helmer, Margaret C. Lehmann (compiler), Paul Schulze, Roy Smith, Charles Westcott,, Helen Wilson, John Yondorf, Janet Zimmermann.

372. **Western Mercer County, Ill.** (all points within a 15-mile diameter circle, center same as in other years).—Jan. 3; 7 a.m. to 5 p.m. Cloudy to clear; temp. 20° to 25°; wind W, 10-25 m.p.h. Seven observers in 4 parties. Total party-hours, 37 (12 on foot, 25 by car); total party-miles, 321 (24 on foot,

297 by car). ► Mallard, 4375; Black Duck, 1; Common Merganser, 22; Sharp-shinned Hawk, 3; Cooper's Hawk, 1; Red-tailed Hawk, 21; Red-shouldered Hawk, 2; Rough-legged Hawk, 2; Bald Eagle, **58**; Marsh Hawk, 2; **Osprey, 1** [no details—Ed.]; Sparrow Hawk, 4; Bobwhite, 37; Killdeer, 1; **Common Snipe, 7**; Herring Gull, 21; Ring-billed Gull, 4; Mourning Dove, 12; Screech Owl, 2; Great Horned Owl, 2; Barred Owl, 4; Long-eared Owl, 2; Yellow-shafted Flicker, 11; Pileated Woodpecker, 6; Red-bellied Woodpecker, 20; Red-headed Woodpecker, **19**; Hairy Woodpecker, 33; Downy Woodpecker, 94; Horned Lark, 224; Blue Jay, 65; Common Crow, 85; Black-capped Chickadee, 71; Tufted Titmouse, 34; White-breasted Nuthatch, 46; Red-breasted Nuthatch, 11; Brown Creeper, 2; **Mockingbird, 1**; **Brown Thrasher, 1**; Robin, 4; Golden-crowned Kinglet, 16; Cedar Waxwing, 47; Loggerhead Shrike, 2; Starling, 687; House Sparrow, 1313; meadowlark (sp.), 2; Red-winged Blackbird, 17; Cardinal, 312; Purple Finch, 14; Common Redpoll, 1; Pine Siskin, 1; Am. Goldfinch, 211; Slate-colored Junco, 242; Tree Sparrow, 251; **Harris' Sparrow, 1** [no details—Ed.]; White-crowned Sparrow, 9; White-throated Sparrow, 1; Swamp Sparrow, 5; Song Sparrow, 16; Lapland Longspur, 21. **Total,** 59 species; about 8480 individuals. (Seen in area count period, but not on count day: Common Goldeneye, Ring-necked Pheasant, Short-eared Owl, Saw-whet Owl, Belted Kingfisher, Northern Shrike.)—Elton Fawks, Richard Greer, Theodore Greer, Nellie Marsh, Peter Petersen, Jr., Robert J. Trial (compiler), Mike Yeast.

373. Adams, Wis. (all points within a 15-mile diameter circle, center 1 mile south of Dellwood as in past 6 years).—Jan. 2; 5:45 a.m. to 4:45 p.m. Cloudy, becoming overcast; temp. 26° to 24°; wind SW, **25** m.p.h.; trace of snow on ground, river partly open, creeks mostly open. Ten observers in 3 parties. Total party-hours, 23 (9 on foot, 14 by car); total party-miles, 192 (12 on foot, 180 by car). ► Great Blue Heron, 4; Mallard, 39; Black Duck, 9; **Ring-necked Duck, 1** (injured); Common Goldeneye, 11; Common Merganser, 2; Red-tailed Hawk, 2; Rough-legged Hawk, 2; Bald Eagle, 21; Ruffed Grouse, 3; Bobwhite, 12; Common Snipe, 1; Herring Gull, 4; Great Horned Owl, 3; Belted Kingfisher, 1; Pileated Woodpecker, 3; Red-bellied Woodpecker, 3; Red-headed Woodpecker, 1; Hairy Woodpecker, 7; Downy Woodpecker, 8; Blue Jay, 53; Common Crow, 158; Black-capped Chickadee, 94; Tufted Titmouse, 1; White-breasted Nuthatch, 23; Brown Creeper, 2; Northern Shrike, 1; Starling, 77; House Sparrow, 575; blackbird (sp.), 1; Cardinal, 35; Evening Grosbeak, **185**; Purple Finch, 10; Pine Grosbeak, 20; Common Redpoll, 155; Am. Goldfinch, 55; Slate-colored Junco, 29; Tree Sparrow, 23; Snow Bunting, 1. **Total,** 39 species; about 1635 individuals. (Seen in area count period, but not on count day: Mourning Dove, Horned Lark, Oregon Junco, Lapland Longspur.)—Mr. and Mrs. N. R. Barger, William and Jerry Bixby, Mrs. Herman Denzin, Mrs. Carl Lobenstein, Eugene Roark, Danny Robbins, Sam Robbins (compiler), Mary Walker.

374. Appleton, Wis. (all points within a 15-mile diameter circle, center Appleton, east to Kaukauna, west and south to Lake Winnebago, west to Neenah, north to Town Line Road).—Jan. 2; 7 a.m. to 4 p.m.; temp. 30° to 32°; wind SE, 20-25 m.p.h. Four observers in 2 parties. Total party-hours, 34; total party-miles, 135 (5 on foot, 130 by car). ► Mallard, 14; Black Duck, 198; Greater Scaup, 3; Common Goldeneye, 66; Common Merganser, 4; Red-breasted Merganser, 2; Red-shouldered Hawk, 1; Rough-legged Hawk, 2; Sparrow Hawk, 3; Ring-necked Pheasant, 12; Gray Partridge, 27; Herring Gull, 27; Ring-billed Gull, 1; Hairy Woodpecker, 2; Downy Woodpecker, 3; Blue Jay, 15; Common Crow, 31; Black-capped Chickadee, 36; White-breasted Nuthatch, 18; Red-breasted Nuthatch, 2; Brown Creeper, 11; Golden-crowned Kinglet, 2; Northern Shrike, 2; Starling, 17; House Sparrow, 90; Common Grackle, 4; Cardinal, 10; Pine Grosbeak, 16; Common Redpoll, 26; Slate-colored Junco, 31; Tree Sparrow, 22. **Total,** 31 species; about 698 individuals. (Seen in area count period, but not on count day: Snowy Owl.)—Mrs. Charles Coffin (compiler), Mr. and Mrs. John Green, Darrell Tessen.

375. Bancroft, Wis. (all points within a 15-mile diameter circle, center 3½ miles west of Bancroft; open fields 75%, deciduous woods 15%, coniferous woods 5%, residential 5%).—Dec. 29; 7 a.m. to 5:15 p.m. Half overcast; temp. 18° to 28°; wind N, 5-15 m.p.h.; ground mostly bare, creeks open. Five observers in 2 parties. Total party-hours, 18 (6 on foot, 12 by car); total party-miles, 180 (8 on foot, 172 by car). ► Cooper's Hawk, 1; Red-tailed Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 1; Ruffed Grouse, 12; Greater Prairie Chicken, 33; Bobwhite, 9; Great Horned Owl, 1; Barred Owl, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 2; Horned Lark, 1; Blue Jay, 41; Common Crow, 186; Black-capped Chickadee, 11; White-breasted Nuthatch, 7; Northern Shrike, 2; Starling, 23; House Sparrow, 193; meadowlark (sp.), 1; Redwinged Blackbird, 1; Cardinal, 3; Evening Grosbeak, 2; Pine Grosbeak, 1; Common Redpoll, **586**; Am. Goldfinch, 61; Red Crossbill, 1; Slate-colored Junco, 3; Tree Sparrow, 10; Snow Bunting, 16. **Total,** 31 species; about 1214 individuals. (Seen in area count period, but not on count day: Red-shouldered Hawk, Red-bellied Woodpecker.)—Elva Hamerstrom, Frances Hamerstrom (compiler), Gary Hampton, Jack Oar, Samuel Robbins.

376. Beloit, Wis. (all points within a 15-mile diameter circle, center at north end of Big Hill Park).—Jan. 3; 7 a.m. to 5 p.m. Overcast, light snow; temp. 18° to 24°; wind W, 10-20 m.p.h.; ground bare, creeks open. Twenty-three observers in 9 parties. Total party-hours, 49 (12 on foot, 37 by car); total party-miles, 347 (18 on foot, 329 by car). ► Mallard, 105; Common Goldeneye, 50; Sharp-shinned Hawk, 1; Red-tailed Hawk, 13; Rough-legged Hawk, 6; Marsh Hawk, 3; Sparrow Hawk, 5; Ring-necked Pheasant, 2; Herring Gull, 227; Ring-billed Gull, 24; Mourning Dove, 34; Great Horned Owl, 2; Barred Owl, 1; Long-eared Owl, 3; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 5; Hairy Woodpecker, 6; Downy Woodpecker, 22; Blue Jay,

39; Common Crow, **3000**; Black-capped Chickadee, 70; Tufted Titmouse, 24; White-breasted Nuthatch, 22; Red-breasted Nuthatch, 1; Brown Creeper, 4; Starling, 1241; House Sparrow, 2192; Common Grackle, 1; Cardinal, 40; Am. Goldfinch, 41; Slate-colored Junco, 109; Tree Sparrow, 142; Song Sparrow, 11. **Total,** 34 species; about 7448 individuals.—Darrel Cox (compiler), Ralph Morse (Ned Hollister Bird Club).

377. Chippewa Falls, Wis. (all points within a 15-mile diameter circle, center same as last year; Irvine Park, south through Chippewa Falls, along east bank of river to Dell's Pond, east to Big Falls, north to southeast border of Lake Wissota).—Dec. 26; 7 a.m. to 4:30 p.m. Foggy a.m., drizzle p.m.; temp. 33° to 42°; wind SE, 6 m.p.h. Six observers in 1 party. Total party-hours, 9½ (4 on foot, 5½ by car); total party-miles, 80 (6 on foot, 74 by car). ► Red-tailed Hawk, 1; Ruffed Grouse, 1; **Belted Kingfisher, 1**; Red-headed Woodpecker, 3; Hairy Woodpecker, 2; Downy Woodpecker, 4; Blue Jay, 78; Common Crow, 13; Black-capped Chickadee, **70**; Tufted Titmouse, 3; White-breasted Nuthatch, 23; **Brown Creeper, 1**; Robin, 1; Starling, 47; House Sparrow, 232; Cardinal, 7; Evening Grosbeak, 3; Common Redpoll, **101**; Am. Goldfinch, 41; **Red Crossbill, 12** (seen well); Slate-colored Junco, 35; Tree Sparrow, 34. **Total,** 22 species; about 714 individuals. (Seen in area count period, but not on count day: Common Goldeneye, Pileated Woodpecker, Red-bellied Woodpecker, Northern Shrike.)—Charles A. Kemper (compiler), Elaine Miller, Ed Reifenauer, Neva Reifenauer, Tom Schoonover, Mrs. Harold Thompson.

378. Dancy, Wis. (all points within a 15-mile diameter circle, center Dancy).—Dec. 30; 7 a.m. to 4 p.m.; temp. 18° to 30°; wind WNW, 5-10 m.p.h. Ten observers in 2 parties. Total party-hours, 16 (4 on foot, 12 by car); total party-miles, 198 (6 on foot, 192 by car). ► Lesser Scaup, 1; Common Merganser, 15; Red-tailed Hawk, 1; Ruffed Grouse, 3; Ring-necked Pheasant, 3; Barred Owl, 1; Pileated Woodpecker, 1; Red-headed Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 8; Blue Jay, 22; Common Crow, 14; Black-capped Chickadee, 21; White-breasted Nuthatch, 1; Cedar Waxwing, 10; Starling, 28; House Sparrow, 489; Redwinged Blackbird, 1; Pine Grosbeak, 3; Common Redpoll, 91; Tree Sparrow, 74; White-throated Sparrow, 4; Snow Bunting, 1. **Total,** 23 species; about 795 individuals.—David Aslakson, Mike Ericson, James Fredrick, John Green, Sherry Greunke, Don Helgerson (compiler), Don Hoehn, James Lee, Beverly Linden, Mel Staver.

379. Hales Corners, Wis. (all points within a 15-mile diameter circle, center same as in 1955).—Jan. 3; 8 a.m. to 4:30 p.m. Snow all day; temp. 25° to 30°; wind NW, 8-15 m.p.h.; Lake Michigan and streams open. Five observers in 2 parties. Total party-hours, 15 (5 on foot, 10 by car); total party-miles, 147 (13 on foot, 134 by car). ► Mallard, 148; Black Duck, 91; Gadwall, 1; Lesser Scaup, 321; Common Goldeneye, 1940; Bufflehead, 119; Oldsquaw, 36; Hooded Merganser, 1; Common Merganser, **20**; Red-breasted Merganser, **4**; Red-tailed Hawk, 11; Red-shouldered Hawk, 1; Sparrow Hawk, 4; Ring-necked Pheasant, 19; Herring Gull, 205; Ring-billed Gull, 104; Mourning Dove, 1; Great Horned Owl, 1; Long-eared Owl, 16; Red-bellied Woodpecker, 1; Hairy Woodpecker, 6; Downy Woodpecker, 13; Horned Lark, 15; Blue Jay, 16; Common Crow, 1906; Black-capped Chickadee, 53; Tufted Titmouse, 1; White-breasted Nuthatch, 19; Robin, 4; Hermit Thrush, 1; Cedar Waxwing, 17; Starling, 487; House Sparrow, 715; Eastern Meadowlark, 2; Redwinged Blackbird, 72; Common Grackle, 3; Brown-headed Cowbird, 8; Cardinal, 9; Am. Goldfinch, 5; Slate-colored Junco, 76; Tree Sparrow, 161; Song Sparrow, 2. **Total,** 42 species; about 6635 individuals. (Seen in area count period, but not on count day: Rough-legged Hawk, Red-breasted Nuthatch, Brown Creeper, Oregon Junco.)—Mrs. A. P. Balsom, Mary Donald (compiler), Mr. and Mrs. Joseph O'Hearn, Karl Priebe.

380. Hiles, Wis. (all points within a 15-mile diameter circle, center 10 miles NNE of Hiles at intersection of Town Roads 2174 and 2182 in Nicolet National Forest; deciduous forest 25%, pine and hemlock forest 25%, spruce and cedar swamp 50%).—Jan. 1; 6 a.m. to 4:30 p.m. Cloudy; temp. 5° to 20°; wind E, 0-10 m.p.h.; 8-in. old snow. Two observers in 1 party. Total party-hours, 10½ (3 on foot, 7½ by car); total party-miles, 43 (5 on foot, 38 by car). ► Ruffed Grouse, 2; Great Horned Owl, 1; Barred Owl, 1; Pileated Woodpecker, 3; Hairy Woodpecker, 2; Downy Woodpecker, 16; Gray Jay, **24**; Common Raven, **30**; Black-capped Chickadee, 39; **Boreal Chickadee, 4**; Pine Grosbeak, 1. **Total,** 11 species; about 123 individuals.—Mr. and Mrs. Roy Lound.

381. Horicon National Wildlife Refuge, Wis. (all points within a 15-mile diameter circle, center Refuge Headquarters).—Jan. 3; 7:45 a.m. to 4:20 p.m. Sun a.m., cloudy p.m.; temp. 5° to 10°; wind NW, 15-20 m.p.h. Two observers in 1 party. Total party-hours, 8½ (2½ on foot, 6 by car); total party-miles, 38. ► Canada Goose, 1231; Red-tailed Hawk, 2; Rough-legged Hawk, 12; Ring-necked Pheasant, 6; Mourning Dove, 1; Hairy Woodpecker, 1; Horned Lark, 3; Blue Jay, 3; Common Crow, 7; Black-capped Chickadee, 4; White-breasted Nuthatch, 2; Starling, 11; House Sparrow, 187; Redwinged Blackbird, 1; Cardinal, 2; Slate-colored Junco, 37; Tree Sparrow, 314. **Total,** 17 species; about 1824 individuals.—Lester H. Dundas (compiler), L. E. Hovell.

382. Lake Geneva, Wis. (all points within a 15-mile diameter circle, center at Williams Bay as last year; around entire lake stopping at suitable localities for observations; towns and suburbs 35%, deciduous woods 25%, open water 30%, pasture 5%, cattails and spring-fed streams 5%).—Dec. 26; 8 a.m. to 4 p.m. Foggy all day, some rain; temp. 45° to 48°; wind SW, 5 m.p.h.; 6-10-in. snow, lake mostly open. Eleven observers in 4 parties. Total party-hours, 32 (26 on foot, 6 by car); total party-miles, 130 (20 on foot, 110 by car). ► Canada Goose, 7; Lesser Scaup, 20; Common Goldeneye, 265; White-winged Scoter, 1; Hooded Merganser, 2; Common Merganser, 25; Red-

tailed Hawk, 2; Sparrow Hawk, 1; Ring-necked Pheasant, 12; Am. Coot, 1; Herring Gull, 50; Ring-billed Gull, 7; Mourning Dove, 5; Long-eared Owl, 3; Belted Kingfisher, 1; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 6; Hairy Woodpecker, 2; Downy Woodpecker, 7; Blue Jay, 7; Common Crow, 16; Black-capped Chickadee, 53; White-breasted Nuthatch, 15; Brown Creeper, 4; **Hermit Thrush, 1** (3 observers); Golden-crowned Kinglet, 6; Starling, 18; House Sparrow, 86; Rusty Blackbird, 2; Cardinal, 14; Common Redpoll, 43; Am. Goldfinch, 15; Slate-colored Junco, 121; Tree Sparrow, 79; **Fox Sparrow, 1** (seen well, 3 observers); **Swamp Sparrow, 2**; Song Sparrow, 4. **Total,** 37 species; about 906 individuals.—Earl Anderson, Karl Bartel, Bertha Bannert, L. C. Binford, V. A. Bradley, Charles Clark, Margaret Lehmann, Clarence Palmquist (compiler), Robert Palmquist, Paul Schulze, C. A. Westcott.

383. Madison, Wis. (all points within a 15-mile diameter circle, center State Capitol as in prior years).—Dec. 26; 5 a.m. to 5 p.m. Dense fog and intermittent rain throughout day; temp. 39° to 41°; wind SW, 7-12 m.p.h.; 8-in. old snow at start, Lakes Mendota and Monona virtually closed, other lakes entirely frozen. Twenty-nine observers in 13 parties. Total party-hours, 82 (51 on foot, 31 by car); total party-miles, 554 (52 on foot, 502 by car). ► Mallard, 344; Black Duck, 12; Gadwall, 4; Am. Widgeon, 1; Ring-necked Duck, 1; Canvasback, 1; Lesser Scaup, 2; Common Goldeneye, 7; Hooded Merganser, 1; Common Merganser, 59; Cooper's Hawk, 7; Red-tailed Hawk, 8; Red-shouldered Hawk, 1; Sparrow Hawk, 2; Ring-necked Pheasant, 32; Am. Coot, 8; Herring Gull, 16; Ring-billed Gull, 2; Mourning Dove, 44; Great Horned Owl, 6; Barred Owl, 1; Long-eared Owl, 4; **Saw-whet Owl, 1**; Belted Kingfisher, 1; Red-bellied Woodpecker, 9; Red-headed Woodpecker, 3; Hairy Woodpecker, 31; Downy Woodpecker, 56; Horned Lark, 12; Blue Jay, 164; Common Crow, 70; Black-capped Chickadee, 291; **Boreal Chickadee, 1** (many times since); Tufted Titmouse, 19; White-breasted Nuthatch, 161; Red-breasted Nuthatch, 8; Brown Creeper, 32; **Bewick's Wren, 1** (present 3 weeks); Brown Thrasher, 2; Robin, 9; Golden-crowned Kinglet, 7; Starling, 613; House Sparrow, 2051; meadowlark (sp.), 28; Redwinged Blackbird, 171; Common Grackle, 3; Brown-headed Cowbird, 5; Cardinal, 134; Purple Finch, 49; Common Redpoll, 51; Pine Siskin, 152; Am. Goldfinch, 56; Red Crossbill, 3; White-winged Crossbill, 3; **Black-throated Sparrow, 1** (at feeder—subsequently seen by Hickey, Schorger, *et al.*; present all Jan.); Slate-colored Junco, 451; Oregon Junco, 7; Tree Sparrow, 1172; White-throated Sparrow, 22; Swamp Sparrow, 19; Song Sparrow, 23; Lapland Longspur, 41; Snow Bunting, 51. **Total,** 63 species; about 6547 individuals. (Seen in area count period, but not on count day: Whistling Swan, Ruffed Grouse, Screech Owl, Hermit Thrush, White-crowned Sparrow.)—Thomas Ashman, Mr. and Mrs. N. R. Barger, Wayne Brown, Ruby Bere, Carolyn Carpenter, Robert Ellarson, Bill Foster, Mr. and Mrs. Al Eynon, Mr. and Mrs. Joe Hickey, William Hilsenhoff, Frank King, Mr. and Mrs. Roy Lound, Bob McCabe, Eleanor Peterson, John Phelps, Eugene Roark, Sam Robbins, Mr. and Mrs. Fred Shepherd, Mrs. W. T. Stephens, Etienne Stefani, J. G. Waddell, Josephine Walker, Mrs. R. A. Walker (compiler), Ray White.

384. Mazomanie, Wis. (all points within a 15-mile diameter circle, center 1½ miles SE of Witwen as in past 3 years; farms and open fields 40%, river bank and wooded bottomland 30%, upland woods 15%, marsh 10%, residential 5%).—Jan. 1; 6 a.m. to 4:30 p.m. Overcast, temp. 28° to 30°; wind S, 10 m.p.h.; ground mostly bare, river and creeks mostly open. Twelve observers in 5 parties. Total party-hours, 38 (16 on foot, 22 by car); total party-miles, 395 (17 on foot, 378 by car). ► Common Goldeneye, 4; **Sharp-shinned Hawk, 1** (T.A., J.W., M.W.); Cooper's Hawk, 1; Red-tailed Hawk, 26; Red-shouldered Hawk, 1; Rough-legged Hawk, 2; Bald Eagle, 3; Marsh Hawk, 2; Sparrow Hawk, 2; Ruffed Grouse, 3; Bobwhite, 1; Mourning Dove, 8; Screech Owl, 1; Great Horned Owl, 15; Barred Owl, 2; Long-eared Owl, 1; Yellow-shafted Flicker, 2; Pileated Woodpecker, 2; Red-bellied Woodpecker, 41; Hairy Woodpecker, 16; Downy Woodpecker, 49; Horned Lark, 4; Blue Jay, 144; Common Crow, 1250; Black-capped Chickadee, 209; Tufted Titmouse, 16; White-breasted Nuthatch, 82; Red-breasted Nuthatch, 7; Brown Creeper, 1; Cedar Waxwing, 1; Northern Shrike, 1; Starling, 846; House Sparrow, 3194; Redwinged Blackbird, 2; Rusty Blackbird, 1; Cardinal, 149; Purple Finch, 28; Common Redpoll, 1; Am. Goldfinch, 150; Red Crossbill, 1; Slate-colored Junco, 938; **Oregon Junco, 2** (carefully observed); Tree Sparrow, 452; **Field Sparrow, 2** (S.R.); **White-throated Sparrow, 1** (S.R.); **Fox Sparrow, 1** (S.R.); **Swamp Sparrow, 1** (H.W.); Song Sparrow, 2; Song Bunting, 1. **Total,** 49 species; about 7670 individuals.—Tom Ashman, N. R. Barger, Buddy Barger, Mr. and Mrs. Henry Koenig, Mr. and Mrs. Harold Kruse, Sam Robbins (compiler), Josephine Walker, Mary Walker, Mr. and Mrs. Howard Winkler.

385. Milwaukee, Wis. (all points within a 15-mile diameter circle, center same as in 1955).—Jan. 3; 6:45 a.m. to 4:30 p.m. Partly cloudy, snow flurries; temp. 27° to 19°; wind W, 12-20 m.p.h.; Lake Michigan and Milwaukee River open. Twenty-three observers in 9 parties. Total party-hours, 51 (18 on foot, 33 by car); total party-miles, 287 (34 on foot, 253 by car). ► Common Loon, 1; Red-throated Loon, 2; Mallard, 3069; Black Duck, 357; **Blue-winged Teal, 1** (spending the winter in park lagoon); **Wood Duck, 2**; Redhead, 6; Canvasback, 13; Lesser Scaup, 7527; Common Goldeneye, 7696; Bufflehead, 865; Oldsquaw, 925; Ruddy Duck, 2; Hooded Merganser, 1; Common Merganser, 24; Red-breasted Merganser, 4 (numbers of large mergansers astonishingly low); Cooper's Hawk, 1; Red-tailed Hawk, 11; Rough-legged Hawk, 1; Sparrow Hawk, 4; Ring-necked Pheasant, 81; Herring Gull, 192; Ring-billed Gull, 117; gull (sp.), 2400; Mourning Dove, 5; Snowy Owl, 1; Long-eared Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 3; Red-bellied Woodpecker, 1; Hairy Woodpecker, 7; Downy Woodpecker, 33; Blue Jay, 10; Common Crow, 163; Black-capped Chickadee, 113; White-breasted Nuthatch, 18; Red-

breasted Nuthatch, 6; Brown Creeper, 2; **Mockingbird, 1** (since Sept.); Robin, 13; Cedar Waxwing, 25; Starling, 1312; House Sparrow, 701; Redwinged Blackbird, 1; Common Grackle, 2; Cardinal, 34; Evening Grosbeak, 28; Common Redpoll, 12; Pine Siskin, 1; Am. Goldfinch, 30; Slate-colored Junco, 90; Tree Sparrow, 59; White-throated Sparrow, 4; Fox Sparrow, 1; Song Sparrow, 3. **Total,** 54 species; about 25,984 individuals.—Marion Allen, Mrs. A. P. Balsom, Mr. and Mrs. E. L. Basten, Harold Bauers, Mr. and Mrs. A. C. Bromm, Mrs. Arthur Bruss, Mr. and Mrs. John Campbell, Mrs. C. R. Decker, Jr., Mary Donald (compiler), Mr. and Mrs. C. Frister, Anna Hehn, Clarence Jung, Lillian Logeman, Mr. and Mrs. J. O'Hearn, Amelia Simmons, Mrs. B. Urdan, Mr. and Mrs. B. Weideman.

386. **Nelson, Wis.** (all points within a 15-mile diameter circle, center Nelson, including bottomlands along Chippewa and Mississippi Rivers, from 4 miles south of Durand to the Mississippi, from Chippewa River south to Almos, and northward through Nelson and Modena townships; deciduous woods 45%, marshes 20%, cultivated farms 20%, towns 5%, farmyards 10%).—Jan. 3; 8 a.m. to 5 p.m.; temp. 0° to 10°; wind NW, 5-25 m.p.h.; 4-in. snow, rivers and streams partly frozen. Three observers in 1 party. Total party-hours, 9 (1 on foot, 8 by car); total party-miles, 100 (2 on foot, 98 by car). ► Common Goldeneye, 425; Red-tailed Hawk, 5; Ruffed Grouse, 1; Red-bellied Woodpecker, 4; Red-headed Woodpecker, 1; Hairy Woodpecker, 6; Downy Woodpecker, 3; Horned Lark, 3; Blue Jay, 19; Common Crow, 34; Black-capped Chickadee, 27; Tufted Titmouse, 1; Starling, 62; House Sparrow, 993; Redwinged Blackbird, 3; Cardinal, **124**; Common Redpoll, **329**; Slate-colored Junco, 61; Tree Sparrow, 98. **Total,** 19 species; about 2199 individuals.—Charles A. Kemper (compiler), Cy Lamb, Elaine Miller.

387. **Racine, Wis.** (all points within a 15-mile diameter circle, center North Shore RR Station as last year).—Dec. 26; 12:01 a.m. to 1 a.m. and 7:30 a.m. to 4:45 p.m. Heavy fog; temp. 38° to 43°; wind SSW, 0-5 m.p.h.; Lake Michigan open, Root River partly frozen, 8-in snow on ground. Eight observers in 5 parties. Total party-hours, 32; total party-miles, 143 (122 on foot, 21 by car). ► Canada Goose, 8; Mallard, 755; Black Duck, 14; Common Goldeneye, 89; Bufflehead, 29; Oldsquaw, 1; Common Merganser, 8; Ring-necked Pheasant, 121; Herring Gull, 98; Mourning Dove, 11; Screech Owl, 1; Long-eared Owl, 3; Hairy Woodpecker, 3; Downy Woodpecker, 24; Horned Lark, 3; Blue Jay, 12; Common Crow, 10; Black-capped Chickadee, 69; Tufted Titmouse, 2; White-breasted Nuthatch, 8; Red-breasted Nuthatch, 1; **Mockingbird, 1** (at feeder weeks); Robin, 4; Golden-crowned Kinglet, 1; Starling, 227; House Sparrow, 520; Common Grackle, 1; Cardinal, 21; Am. Goldfinch, 15; Slate-colored Junco, 178; Tree Sparrow, 35; Song Sparrow, 9. **Total,** 32 species; about 2282 individuals. (Seen in area count period, but not on count day: Pied-billed Grebe, **Sora,** cripple present for weeks.)—Robert Fiehweg, Mrs. James Healy, Mrs. Walter A. Peirce, Edward Prins, George Prins, John Saetveit, Mrs. Arthur Schacht, Mary-Elizabeth Whelan (compiler).

388. **Rhinelander, Wis.** (all points within a 15-mile diameter circle, center at intersection of Stevens and Davenport Streets; open farmland 20%, coniferous and deciduous forests 60%, city 20%).—Jan. 3; 7:30 a.m. to 4:30 p.m. Partly cloudy, snow flurries; temp. 17° to 3°; wind NW, 5-15 m.p.h.; 12-in. snow on ground, rivers and lakes frozen. Three observers in 1 party. Total party-hours, 9 (all by car); total party-miles, 83 (all by car). ► Hairy Woodpecker, 8; Downy Woodpecker, 1; Blue Jay, 7; Common Raven, 2; Black-capped Chickadee, 75; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 2; Starling, 59; House Sparrow, 19; Evening Grosbeak, 104; Common Redpoll, 52; Red Crossbill, 2; Snow Bunting, 2. **Total,** 13 species; about 335 individuals. (Seen in area count period, but not on count day: Boreal Chickadee, Pine Grosbeak.)—Werner Brunner, Nils P. Dahlstrand (compiler), F. T. Ratliff.

389. **Seneca, Wis.** (all points within a 15-mile diameter circle, center about 2 miles SE of Lynxville as last year).—Jan. 2; 8 a.m. to 4:30 p.m. Overcast; temp. 27° to 29°; wind SW, 5-20 m.p.h.; ground with 1-in. new snow, river and streams mostly open. One observer. Total hours, 8½; total miles, 42 (8 on foot, 34 by car). ► Herring Gull, 11; Red-bellied Woodpecker, 1; Red-headed Woodpecker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 3; Blue Jay, 4; Common Crow, 1; Black-capped Chickadee, 3; Tufted Titmouse, 3; White-breasted Nuthatch, 7; Eastern Bluebird, 2; Starling, 106; House Sparrow, 62; Cardinal, 8; Slate-colored Junco, 5. **Total,** 15 species; about 218 individuals.—Clarence Paulson.

390. **Waukesha, Wis.** (all points within a 15-mile diameter circle, center Waukesha, southwest to Kettle Moraine State Forest, along Fox River valley to Mukwonago Marsh, to Saylesville, south to Mukwonago, north to south shore of Pewaukee Lake, west to Dousman; open farmlands 45%, deciduous farm wood lots 36%, tamarack swamp 4%, grassy marsh 14%, parks ½%, coniferous plantings ½%, 7 feeding stations).—Jan. 3; 7 a.m. to 5 p.m. Cloudy to partly cloudy, 2 hours light snow; temp. 22° to 20°; wind SW, 15-20 m.p.h.; ground bare, rivers and creeks open, lakes partly open. Twenty-eight observers in 9 parties. Total party-hours, 60 (25 on foot, 35 by car); total party-miles, 582 (86 on foot, 496 by car). ► Mallard, 9; Black Duck, 61; Common Goldeneye, 4; Sharp-shinned Hawk, 1; Red-tailed Hawk, 26; Red-shouldered Hawk, 1; Rough-legged Hawk, 4; Marsh Hawk, 2; Sparrow Hawk, 2; Ring-necked Pheasant, 7; Am. Coot, 1; Herring Gull, 7; Mourning Dove, 4; Great Horned Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 5; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 3; Hairy Woodpecker, 18; Downy Woodpecker, 44; Blue Jay, 110; Common Crow, 931; Black-capped Chickadee, 173; Tufted Titmouse, 6; White-breasted Nuthatch, 37; Red-breasted Nuthatch, 3; Brown Creeper, 3; **Brown Thrasher, 1** (feeder all fall); Golden-crowned Kinglet, 4; Starling, 455; **Myrtle Warbler, 2** (seen well); House Sparrow,

2017; Eastern Meadowlark, 1; Redwinged Blackbird, 1; Cardinal, 20; Purple Finch, 43; Pine Grosbeak, 3; Common Redpoll, 1; Pine Siskin, 2; Am. Goldfinch, 107; White-winged Crossbill, 5; **Vesper Sparrow, 1** (Nelson party); Slate-colored Junco, 162; Oregon Junco, 2; Tree Sparrow, 283; White-throated Sparrow, 2; Song Sparrow, 3; Lapland Longspur, 1. **Total,** 48 species; about 4582 individuals.—Robert Adams (compiler), Clarence Anthes, John Bielefeldt, Les Compton, Olive Compton, Walter Elmer, Nancy Hall, Emma Hoffmann, Paul Hoffmann, Dixie Larkin, Charles Nelson, Jr., Mary Nelson, E. R. Rutenber, Mary Rutenber, W. Wellman, Ernie Zimmerman, Verna Zimmerman.

391. Wautoma, Wis. (all points within a 15-mile diameter circle, center village of Mount Morris).—Jan. 3; 7:30 a.m. to 4 p.m. Clear; temp. 8° to 20°; wind N, 20 m.p.h. Two observers in 1 party. Total party-hours, 8½; total party-miles, 52 (all by car). ► Red-tailed Hawk, 1; Bobwhite, 9; Great Horned Owl, 1; Red-bellied Woodpecker, 4; Hairy Woodpecker, 6; Downy Woodpecker, 12; Blue Jay, 17; Common Crow, 9; Black-capped Chickadee, 47; White-breasted Nuthatch, 15; House Sparrow, 42; Cardinal, 29; Slate-colored Junco, 40. **Total,** 13 species; about 232 individuals.—Mrs. Merwood Chipman (compiler), Mrs. Clarence Marks.

392. Wisconsin Dells, Wis. (all points within a 15-mile diameter circle, center 1½ miles east of Plainville as in past 4 years; deciduous woods 40%, open fields 25%, river and river banks 20%, residential 10%, coniferous woods 5%).—Dec. 24; 6:15 a.m. to 4:30 p.m. Overcast; temp. 18° to 26°; wind W, 2 m.p.h.; 4-in snow, river open, creeks partly open. Two observers in 2 parties. Total party-hours, 12½ (4 on foot, 8½ by car); total party-miles, 115 (5 on foot, 110 by car). ► Common Goldeneye, 17; Common Merganser, 7; Red-tailed Hawk, 2; Bald Eagle, 1; Sparrow Hawk, 1; Ruffed Grouse, 1; Ring-necked Pheasant, 1; Herring Gull, 3; Mourning Dove, 5; Great Horned Owl, 4; Barred Owl, 1; Belted Kingfisher, 1; Pileated Woodpecker, 2; Red-bellied Woodpecker, 7; Hairy Woodpecker, 10; Downy Woodpecker, 13; Horned Lark, 1; Blue Jay, 53; Common Crow, 61; Black-capped Chickadee, 60; Tufted Titmouse, 1; White-breasted Nuthatch, 39; Brown Creeper, 1; Starling, 135; House Sparrow, 538; Cardinal, 28; Evening Grosbeak, 2; Common Redpoll, 76; Am. Goldfinch, 342; Slate-colored Junco, 172; **Oregon Junco, 1**; Tree Sparrow, 176; Song Sparrow, 1; Lapland Longspur, 43; Snow Bunting, 11. **Total,** 35 species; about 1817 individuals.—N. R. Barger, Sam Robbins (compiler).

393. Afton, Minn. (all points within a 15-mile diameter circle, center Afton, making semicircle on west side of St. Croix River; open farmland 70%, deciduous wooded river banks, hills and valleys 30%).—Dec. 26; 7:30 a.m. to 4:30 p.m. Overcast, fog, rain; temp. 42° to 46°; wind SE, 12-17 m.p.h.; no snow, St. Croix River open in spots. Five observers in 1 party. Total party-hours, 9 (5 on foot, 4 by car); total party-miles, 65 (9 on foot, 56 by car). ► Mallard, 32; Common Goldeneye, 18; Hooded Merganser, 4; Red-tailed Hawk, 1; Bald Eagle, 1; Pileated Woodpecker, 1; Red-bellied Woodpecker, 1; Hairy Woodpecker, 8; Downy Woodpecker, 10; Blue Jay, 46; Common Crow, 57; Black-capped Chickadee, 38; Tufted Titmouse, 2; White-breasted Nuthatch, 11; Brown Creeper, 1; Starling, 3; House Sparrow, 64; Cardinal, 9; Purple Finch, 3; Am. Goldfinch, 24; Slate-colored Junco, 107; Tree Sparrow, 125. **Total,** 22 species; about 566 individuals. (Seen in area count period, but not on count day: Mourning Dove.)—Coy Asp, Oliver Charley, Mr. and Mrs. Boyd M. Lien (compilers), Min Paro.

394. Cedar Creek Bog, Minn. (all points within a 15-mile diameter circle, center Cedar Creek Game Refuge as last year).—Jan. 3; 8:30 a.m. to 4:30 p.m.; temp. 14° to −11°; wind WNW, 10-15 m.p.h.; 6-12-in. snow cover. Five observers in 2 parties. Total party-hours, 14 (5 on foot, 9 by car). ► Ring-necked Pheasant, 7; Downy Woodpecker, 5; Blue Jay, 7; Common Crow, 7; Black-capped Chickadee, 4; White-breasted Nuthatch, 1; House Sparrow, 31; Common Redpoll, 811; Am. Goldfinch, 11; Slate-colored Junco, 5. **Total,** 10 species; about 932 individuals.—Douglas Campbell, Fred Kedney, Dr. and Mrs. Boyd Lien, Mrs. Murray Olyphant, Jr. (compiler).

395. Duluth, Minn. (all points within a 15-mile diameter circle, center at Lake Avenue and Superior Street as last year; town suburbs 15%, parks and highways 70%, feeding stations 10%, city dump 5%).—Jan. 2; 7 a.m. to 5 p.m. Overcast; temp. 15° to 25°; wind N, 5-15 m.p.h. Fifteen observers in 8 parties. Total party-hours, 60 (23 on foot, 37 by car); total party miles, 200 (20 on foot, 180 by car). ► Mallard, 6; Greater Scaup, 3; Common Goldeneye, 58; Bufflehead, 2; Oldsquaw, 250; White-winged Scoter, 2; Common Merganser, 1; Red-breasted Merganser, 3; **Red-tailed Hawk, 1**; Ruffed Grouse, 7; Ring-necked Pheasant, 3; Glaucous Gull, 7; Herring Gull, 1168; Ring-billed Gull, 12; Great Horned Owl, 2; **Hawk-Owl, 1** (positively identified—G.K.); Barred Owl, 1; **Great Gray Owl, 1** (positively identified—G.K.); Saw-whet Owl, 1; Pileated Woodpecker, 4; Hairy Woodpecker, 7; Downy Woodpecker, 39; Gray Jay, 2; Blue Jay, 29; Common Raven, 21; Common Crow, 1; Black-capped Chickadee, 307; Boreal Chickadee, 1; **Tufted Titmouse, 2**; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 1; Bohemian Waxwing, 150; Northern Shrike, 8; Starling, 741; House Sparrow, 2100; **Rusty Blackbird, 2** (at feeder weeks); **Common Grackle, 4** (at feeder weeks); Evening Grosbeak, 148; Purple Finch, 2; Pine Grosbeak, 151; **Hoary Redpoll, 3** (regular this winter); Common Redpoll, 148; Red Crossbill, 4; White-winged Crossbill, 1; Slate-colored Junco, 14; **White-throated Sparrow, 2** (at feeder weeks). **Total,** 46 species; about 5422 individuals.—Mr. and Mrs. Stanley Anderson, J. K. Bronoel, Robert R. Cohen, Mr. and Mrs. Harold Evans, Mr. and Mrs. P. B. Hofslund, Gary C. Kuyava (compiler), Mr. and Mrs. Raymond Naddy, Mrs. Northrup, Mrs. Ernie Pappas, Mrs. Evelyn Putnam, Steven Shoberg.

396. **Hibbing, Minn.** (all points within a 15-mile diameter circle, center St. Louis County Courthouse; particular attention to feeding stations; streets 5%, lakeshore 5%, open farmland 10%, balsam-tamarack swamp 20%, pine forest 40%, poplar-birch forest 20%).—Jan. 2; 7:30 a.m. to 4:30 p.m. Snow flurries; temp. 20° to 24°; wind N, 5-10 m.p.h.; 6-in. overnight snowfall. Nine observers in 5 parties. Total party-hours, 17 (14 on foot, 3 by car); total party-miles, 63 (24 on foot, 39 by car). ► Ruffed Grouse, 4; Hairy Woodpecker, 7; Downy Woodpecker, 14; Gray Jay, 20; Blue Jay, 39; Common Raven, 13; Black-capped Chickadee, 90; Boreal Chickadee, 3; White-breasted Nuthatch, 2; Red-breasted Nuthatch, 1; Northern Shrike, 5; Starling, 30; House Sparrow, 92; Pine Grosbeak, 137; Common Redpoll, 8; Snow Bunting, 104. **Total,** 16 species; about 569 individuals. (Seen in area count period, but not on count day: Pileated Woodpecker, Evening Grosbeak.)—Mrs. Dan Hayward, Wanda Lee LaTendresse, Clara Lilley, Mrs. Oscar McCracken, Catherine Micensky, Joanne Micensky, Mrs. John Micensky (compiler), Alton Parker, Jr., Karen Pingatore (Little Swan 4-H Club).

397. **Minneapolis (north), Minn.** (all points within a 15-mile diameter circle, center Coon Creek Dam; from Camden Park to Anoka, both sides of Mississippi River; open farmland 40%, town suburbs 44%, deciduous farm woodlots 12%, deciduous river banks and valleys 2%, marshes and sloughs 2%).—Jan. 2; 8 a.m. to 4:30 p.m. Overcast; temp. 26° to 30°; wind SW, 8-15 m.p.h.; 7-in. snow, Mississippi River open below dam. Fourteen observers in 4 parties. Total party-hours, 22 (5 on foot, 17 by car); total party-miles, 251 (10 on foot, 241 by car). ► Common Goldeneye, 39; Bald Eagle, 1; Marsh Hawk, 2; Sparrow Hawk, 3; Ring-necked Pheasant, 53; Barred Owl, 1; Belted Kingfisher, 1; Hairy Woodpecker, 1; Downy Woodpecker, 10; **Horned Lark, 8** (good study—C.W.); Blue Jay, 51; Common Crow, 77; Black-capped Chickadee, 49; Tufted Titmouse, 1; White-breasted Nuthatch, 15; Brown Creeper, 2; Starling, 91; House Sparrow, 680; Cardinal, 9; Purple Finch, 9; Pine Grosbeak, 1; Common Redpoll, **493**; Am. Goldfinch, 291; Slate-colored Junco, 273; Oregon Junco, 1; Tree Sparrow, 307; Song Sparrow, 1. **Total,** 27 species; about 2470 individuals.—Esther Burgardt, Paul LaPlant, Ralph LaPlant, Mr. and Mrs. Boyd M. Lien (compilers), Robert Rydell, Les Scheaffer, Mr. and Mrs. Melvin Stenrud, Meredith Stenrud, John Urseth, Frank Wood, Charles Wright, Kristin Wright (Minneapolis Bird Club).

398. **Minneapolis (west), Minn.** (all points within a 15-mile diameter circle, center on Minneapolis Golf Course, extending to junction of Hwys. 55 and 101, Robbinsdale, Edina, Hopkins, and including Theodore Wirth Park and Roberts Bird Sanctuary; town suburbs 47%, open farmland 24%, deciduous woodlots 16%, lakes, marshes, and creeks 8%, city parks and golf courses 5%).—Dec. 26; 8 a.m. to 4:30 p.m. Overcast, intermittent drizzle; temp. 42° to 46°; wind SE, 12 m.p.h.; small opening in Lake Calhoun, Miss. River open. Twelve observers in 6 parties. Total party-hours, 47 (13 on foot, 34 by car); total party-miles, 336 (17 on foot, 319 by car). ► Mallard, 542; Black Duck, 6; Common Goldeneye, 9; Red-tailed Hawk, 1; Sparrow Hawk, 3; Ring-necked Pheasant, 182; Great Horned Owl, 1; Snowy Owl, 1; Barred Owl, 3; Red-bellied Woodpecker, 2; Red-headed Woodpecker, 1; Hairy Woodpecker, 13; Downy Woodpecker, 23; Blue Jay, 170; Common Crow, 42; Black-capped Chickadee, 200; Tufted Titmouse, 2; White-breasted Nuthatch, 51; Brown Creeper, 2; **Catbird, 1** (seen and heard—J.F., J.M.); Starling, 325; House Sparrow, 2183; Redwinged Blackbird, 2; Cardinal, 25; Purple Finch, 47; Common Redpoll, 61; Am. Goldfinch, 44; **Red Crossbill, 6**; Slate-colored Junco, 235; Oregon Junco, 2; Tree Sparrow, 201; **White-throated Sparrow, 1** (J.F., J.M.); Song Sparrow, 1. **Total,** 33 species; about 4388 individuals. (Seen in area count period, but not on count day: Wood Duck, Pileated Woodpecker, Robin.)—George F. Fisher, J. S. Futcher (compiler), Raymond A. Glassel, Harding Huber, Ronald Huber, Robert B. Janssen, John Menge, William R. Pieper, Brother Theodore, Charles F. Wright, Frank H. Wood (Avifaunal Club).

399. **Northeastern Suburban St. Paul, Minn.** (all points within a 15-mile diameter circle, center Withrow, north to a line parallel with Darine on St. Croix, east to St. Croix River, west to Centerville Road, south to Lake Jane Road).—Jan. 2; 8:30 a.m. to 4:30 p.m. Overcast; temp. 24° to 28°; wind N, 10-20 m.p.h.; 6-24-in. snow cover, St. Croix River partly open. Sixteen observers in 6 parties. Total party-hours, 32 (13½ on foot, 17 by car, 1½ on skis); total party-miles, 283 (36 on foot, 242 by car, 5 on skis.) ► Canada Goose, 28; Mallard, 1; Goshawk, 1; **Pigeon Hawk, 1** (Mrs. J.F.); Sparrow Hawk, 3; Ruffed Grouse, 1; Ring-necked Pheasant, 4; **Yellow-shafted Flicker, 1** (at feeder, all field marks—D.H.); Pileated Woodpecker, 3; Red-bellied Woodpecker, 6; Hairy Woodpecker, 14; Downy Woodpecker, 11; Horned Lark, 1; Blue Jay, 18; Common Crow, 39; Black-capped Chickadee, 111; White-breasted Nuthatch, 38; Brown Creeper, 1; Starling, 46; House Sparrow, 402; Cardinal, 14; Purple Finch, 56; Common Redpoll, 515; Am. Goldfinch, 56; Slate-colored Junco, 519; Tree Sparrow, 39; **Chipping Sparrow, 12** (all field marks—J.F.); **Field Sparrow, 10** (all field marks—J.F.); **White-throated Sparrow, 3. Total,** 29 species; about 1954 individuals. [Chipping Sparrow, 12 and Field Sparrow, 10 almost unbelievable—Ed.]—Mr. and Mrs. Joseph Fitzpatrick, John Fitzpatrick, Mrs. Donald Gipple, Dale Haswell, Mr. and Mrs. Francis Lee Jaques, Mrs. Lee Johnson, Mrs. Robert Merrick, Mr. and Mrs. Jean Nelson, Mr. and Mrs. Warren Lundgren, Leo Vokaty, Mr. and Mrs. Murray Olyphant, Jr. (compilers).

400. **Northfield, Minn.** (all points within a 15-mile diameter circle, center same as last year).—Jan. 2; 8 a.m. to 4 p.m.; temp. 24° to 29°; wind NW, 5-15 m.p.h. One observer. Total hours, 8 (6 on foot, 2 by car); total miles, 43 (8 on foot, 35 by car). ► Red-tailed Hawk, 1; Ring-necked Pheasant, 3; Mourning Dove, 1; Screech Owl, 1; Barred Owl, 1; Pileated Woodpecker, 1; Red-bellied Woodpecker, 8; Red-headed Woodpecker, 2; Hairy Woodpecker, 2; Downy

Woodpecker, 16; Blue Jay, 7; Common Crow, 7; White-breasted Nuthatch, 11; Brown Creeper, 1; Starling, 13; House Sparrow, 60; Cardinal, 15; Common Redpoll, 80; Am. Goldfinch, 7; Slate-colored Junco, 120; Tree Sparrow, 28; **White-throated Sparrow, 8. Total,** 22 species; about 393 individuals.—George N. Rysgaard.

401. Rochester, Minn. (all points within a 15-mile diameter circle, center at KROC TV tower 2 miles west of Rochester).—Dec. 27; 7 a.m. to 5 p.m. Cloudy, occasional rain; temp. 43° to 45°; wind SE, 10-15 m.p.h. Eight observers in 1 party. Total party-hours, 10 (6 on foot, 4 by car); total party-miles, 97 (17 on foot, 80 by car). ► Mute Swan, 2; Canada Goose, 2100; Mallard, 530; Black Duck, 5; **Wood Duck,** 1; Red-tailed Hawk, 3; Ring-necked Pheasant, 2; Screech Owl, 1; Belted Kingfisher, 1; Pileated Woodpecker, 1; Red-bellied Woodpecker, 4; Hairy Woodpecker, 6; Downy Woodpecker, 14; Blue Jay, 31; Common Crow, 35; Black-capped Chickadee, 49; Tufted Titmouse, 6; White-breasted Nuthatch, 22; Red-breasted Nuthatch, 2; Brown Creeper, 3; Robin, 1; Golden-crowned Kinglet, 3; Starling, 90; House Sparrow, 165; Redwinged Blackbird, 1; Common Grackle, 3; Cardinal, 50; Purple Finch, 30; Common Redpoll, 13; Am. Goldfinch, 14; Slate-colored Junco, 52; Tree Sparrow, 37. **Total,** 32 species; about 3277 individuals. (Seen in area count period, but not on count day: Common Goldeneye, Red-breasted Merganser, Pine Grosbeak.)—Carl M. Johnson, Ted Johnson, Don Orke, James Punderson, Linda Strnad, Rosamond von Schroeder, Kendall Corbin and Forest V. Strnad (co-compilers).

402. St. Paul (north), Minn. (all points within a 15-mile diameter circle, center Round Lake near New Canada as in 1959; pine forest 40%, spruce-balsam 15%, tamarack 5%, open fields 10%, deciduous woods 15%, farm woodlots 5%, marshes 10%).—Dec. 26; 8:15 a.m. to 4:45 p.m. Cloudy, foggy, intermittent drizzle; temp. 44° to 46°; wind SE, 5-9 m.p.h.; no snow on ground, entrances of water canals open. Seven observers in 3 parties. Total party-hours, 24 (19 on foot, 5 by car); total party-miles, 40 (16 on foot, 24 by car). ► Goshawk, 1; Cooper's Hawk, 1; Sparrow Hawk, 1; Ring-necked Pheasant, 6; Great Horned Owl, 1; Barred Owl, 1; Belted Kingfisher, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 5; Downy Woodpecker, 12; Blue Jay, 31; Common Crow, 41; Black-capped Chickadee, 65; White-breasted Nuthatch, 15; Red-breasted Nuthatch, 2; Brown Creeper, 3; Golden-crowned Kinglet, 7; Northern Shrike, 1; Starling, 35; House Sparrow, 69; Cardinal, 14; Purple Finch, **40**; Pine Grosbeak, 2; Common Redpoll, **48**; Am. Goldfinch, 5; Slate-colored Junco, 35; Tree Sparrow, 15. **Total,** 27 species; about 458 individuals. (Seen in area count period, but not on count day: Mallard, Common Goldeneye, Tufted Titmouse, Red Crossbill.)—Mrs. John Bowes, Frank Kelley, Bill Litkey, Tom Meyer, Brother Pius, A. C. Rosenwinkel (compiler), Russel Van Vliet.

403. St. Paul (west), Minn. (all points within a 15-mile diameter circle, center West St. Paul, including Mississippi River from Ft. Snelling to Newport; 7 feeding stations).—Jan. 2; 9 a.m. to 5 p.m. Partly cloudy; temp. 25° to 20°; wind SW, 5-15 m.p.h.; snow over ice on ground, only main highways passable, river open. Two observers in 1 party. Total party-hours, 8 (5 on foot, 3 by car); total party-miles, 65 (5 on foot, 60 by car). ► Mallard, 200; Common Goldeneye, 24; Red-tailed Hawk, 3; Rough-legged Hawk, 2; Sparrow Hawk, 2; Ring-necked Pheasant, 3; Great Horned Owl, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 6; Downy Woodpecker, 3; Horned Lark, 7; Blue Jay, 12; Black-capped Chickadee, 45; White-breasted Nuthatch, 5; Starling, 71; House Sparrow, 100; Redwinged Blackbird, 1; Cardinal, 2; Common Redpoll, 20; Am. Goldfinch, 1; Slate-colored Junco, 18; Tree Sparrow, 50. **Total,** 22 species; about 577 individuals.—J. A. Hall (compiler), Frank Kelley.

404. Walker, Minn. (all points within a 15-mile diameter circle, center highway intersection 5 miles south of Walker as in former years).—Jan. 1; 8 a.m. to 4 p.m.; temp. 22°. to 15°; wind NW, 5 m.p.h.; 5-8-in. snow, lakes frozen, few streams open. Two observers in 1 party. Total party-hours, 8 (3 on foot, 5 by car); total party-miles, 53 (3 on foot, 50 by car). ► Ruffed Grouse, 3; Pileated Woodpecker, 1; Hairy Woodpecker, 13; Downy Woodpecker, 8; Gray Jay, 1; Blue Jay, 28; Black-capped Chickadee, 75; Boreal Chickadee, 1; White-breasted Nuthatch, 14; Red-breasted Nuthatch, 4; Brown Creeper, 1; Robin, 1; Bohemian Waxwing, 11; Northern Shrike, 1; Starling, 6; House Sparrow, 23; **Cardinal, 2**; Evening Grosbeak, 265; Pine Grosbeak, 49; Common Redpoll, 49; Slate-colored Junco, 8; Tree Sparrow, 1. **Total,** 22 species; about 565 individuals.—Harold R. Hanson (compiler), Stan Oman.

405. Cedar Falls, Iowa (all points within a 15-mile diameter circle, center at Cedar Falls, to include Snag Creek, Black Hawk Park, Union Bridge, Wyth Park, Hartman Reserve; riverbottom forest 60%, upland forest 5%, savannah 10%, fields and prairies 25%).—Dec. 26; 8 a.m. to 4 p.m. Cloudy, light rain p.m.; temp. 37° to 46°; no wind; no snow on ground, ponds frozen, river open. Twelve observers in 2-3 parties. Total party-hours, 18 (14 on foot, 4 by car); total party-miles, 110 (25 on foot, 85 by car). ► Mallard, 16; Red-tailed Hawk, 1; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Sparrow Hawk, 1; Ring-necked Pheasant, 8; Great Horned Owl, 5; Barred Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 3; Pileated Woodpecker, 2; Red-bellied Woodpecker, 20; Red-headed Woodpecker, 5; Hairy Woodpecker, 5; Downy Woodpecker, 32; Blue Jay, 49; Common Crow, 98; Black-capped Chickadee, 132; Tufted Titmouse, 7; White-breasted Nuthatch, 51; Brown Creeper, 10; Golden-crowned Kinglet, 3; Starling, 34; House Sparrow, 293; Cardinal, 41; Purple Finch, 1; Am. Goldfinch, 86; Slate-colored Junco, 167; Tree Sparrow, 102; Harris' Sparrow, 1; Song Sparrow, 5. **Total,** 31 species; about 1184 individuals. (Seen in area count period, but not on count day: Red-breasted Nuthatch, Rufous-sided Towhee.)—Willis Chapman, Eleanor Eifert, Martin Grant (compiler),

Annette Haffner, Russell Hays, Clarisse Hewitt, John Miller, Maxine Schwanke, Florence Spring, George Swanson, Eloise Williams, Sigrin Wood.

406. Clinton, Iowa (all points within a 15-mile diameter circle, center Elk River Junction as last year). —Dec. 26; 7 a.m. to 5 p.m. Overcast, fog, rain; temp. 45° to 52°; wind SE, 0-10 m.p.h.; river half open, 2-10-in. old snow. Six observers in 3 parties. Total party-hours, 20 (6 on foot, 14 by car); total party-miles, 197 (7 on foot, 190 by car). ► Mallard, 3; Pintail, 1; Common Goldeneye, 60; Common Merganser, 26; Cooper's Hawk, 2; Red-tailed Hawk, 11; Red-shouldered Hawk, 3; Rough-legged Hawk, 2; Bald Eagle, 3; Marsh Hawk, 1; Sparrow Hawk, 1; Bobwhite, 1; Ring-necked Pheasant, 4; Killdeer, 1; Herring Gull, 86; Ring-billed Gull, 41; Mourning Dove, 3; Barred Owl, 2; Long-eared Owl, 2; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 9; Red-headed Woodpecker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 19; Horned Lark, 1; Blue Jay, 41; Common Crow, 70; Black-capped Chickadee, 64; Tufted Titmouse, 2; White-breasted Nuthatch, 6; Red-breasted Nuthatch, 1; Brown Creeper, 1; Carolina Wren, 2; Robin, 1; Eastern Bluebird, 1; Golden-crowned Kinglet, 3; Cedar Waxwing, 2; Starling, 301; House Sparrow, 1116; Eastern Meadowlark, 9; Western Meadowlark, 3; Cardinal, 60; Purple Finch, 3; Am. Goldfinch, 8; Slate-colored Junco, 190; Tree Sparrow, 262; **Chipping Sparrow, 1** (M.L.); **Field Sparrow, 2** (L.B., P.P.); Swamp Sparrow, 1; Song Sparrow, 4. **Total,** 50 species; about 2442 individuals. (Seen in area count period, but not on count day: Canada Goose.)—Lewis Blevins, Elton Fawks, James Hodges, Maurice Lesher, Peter Petersen, Jr. (compiler), Mike Yeast.

407. Davenport, Iowa (all points within a 15-mile diameter circle, center toll house of Memorial Bridge as last year).—Dec. 27; 7 a.m. to 5:30 p.m. Overcast, rain, fog; temp. 51° to 56°; wind SE, 10-12 m.p.h.; ground bare, rivers open. Twenty-four observers in 21 parties. Total party-hours, 165 (76 on foot, 57 by car, 32 at feeders); total party-miles, 559 (34 on foot, 525 by car). ► **Pied-billed Grebe, 1** (D.S.); Mallard, 3; Lesser Scaup, 2; Common Goldeneye, 188; Common Merganser, 20; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 26; Red-shouldered Hawk, 9; **Broad-winged Hawk, 1** [unconvincing details—Ed.]; Rough-legged Hawk, 5; Bald Eagle, 41; Marsh Hawk, 1; **Pigeon Hawk, 1** (J.H.); Sparrow Hawk, 7; Bobwhite, 63; Ring-necked Pheasant, 95; Killdeer, 1; Common Snipe, 1; **Glaucous Gull, 1** (all field marks—P.P., R.T.); Herring Gull, 321; Ring-billed Gull, 155; Mourning Dove, 103; Screech Owl, 2; Great Horned Owl, 3; Barred Owl, 3; Long-eared Owl, 2; Short-eared Owl, 4; Saw-whet Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 12; Red-bellied Woodpecker, 33; Red-headed Woodpecker, 16; Hairy Woodpecker, 31; Downy Woodpecker, 50; Horned Lark, 29; Blue Jay, 175; Common Crow, 351; Black-capped Chickadee, 170; Tufted Titmouse, 46; White-breasted Nuthatch, 57; Brown Creeper, 8; Carolina Wren, 2; **Catbird, 1** (L.B.); Robin, 7; Eastern Bluebird, 4; Golden-crowned Kinglet, 19; Ruby-crowned Kinglet, 6 (D.S.); Cedar Waxwing, 32; Starling, 2832; House Sparrow, 1620; Eastern Meadowlark, 4; Western Meadowlark, 2; meadowlark (sp.), 12; Redwinged Blackbird, 703; Common Grackle, 14; Cardinal, 146; Purple Finch, 9; Pine Siskin, 3; Am. Goldfinch, 92; Slate-colored Junco, 324; Tree Sparrow, 330; Field Sparrow, 1; White-crowned Sparrow, 2; White-throated Sparrow, 9; Fox Sparrow, 1; Swamp Sparrow, 1; Song Sparrow, 42. **Total,** 67 species; about 8260 individuals. (Seen in area count period, but not on count day: Ring-necked Duck, Red-breasted Nuthatch.)—Lewis Blevins, Harry Carl, Larry Dau, Walter Dau, Dale Dickinson, Leo Doering, Elton Fawks, Mr. and Mrs. Floyd Gold, Ted Greer, Hank Hannah, Jim Hanssen, Dave Krause, Mrs. Frank Marquis, Mrs. Peter Petersen, Sr., Peter Petersen, Jr. (compiler), Mr. and Mrs. Don Price, Joseph Carl Scolaro, Don Swensson, Robert Trial, John Warren, Willie Wulf, Mike Yeast.

408. Decorah, Iowa (all points within a 15-mile diameter circle, center at NE corner Sec. 24-99-8, including upper Iowa River, Canoe, Sattre and Bear Creeks, Highlandville, Twin Springs, Siewers Springs, Decorah; river and creek bottoms 40%, open fields 40%, brush and timber 15%, city 5%).—Jan. 2; 8:30 a.m. to 4:30 p.m. Light snow p.m.; temp. 28° to 31°; wind S, 40-5 m.p.h.; water open, 2-in. new snow. Twenty-six observers in 4 parties. Total party-hours, 32 (23 on foot, 9 by car); total party-miles, 211 (34 on foot, 177 by car). ► Red-tailed Hawk, 7; Red-shouldered Hawk, 1; Ruffed Grouse, 7; Ring-necked Pheasant, 55; Barred Owl, 1; Belted Kingfisher, 4; Yellow-shafted Flicker, 2; Pileated Woodpecker, 4; Red-bellied Woodpecker, 13; Red-headed Woodpecker, 8; Hairy Woodpecker, 4; Downy Woodpecker, 16; Horned Lark, 5; Blue Jay, 34; Common Crow, 29; Black-capped Chickadee, 110; Tufted Titmouse, 10; White-breasted Nuthatch, 46; Winter Wren, 1; Robin, 1; Ruby-crowned Kinglet, 1; Cedar Waxwing, 1; Northern Shrike, 1; Starling, 138; House Sparrow, 354; Common Grackle, 11; Cardinal, 158; Purple Finch, 4; Common Redpoll, 24; Am. Goldfinch, 2; Slate-colored Junco, 104; Tree Sparrow, 42; Field Sparrow, 16; Song Sparrow, 2. **Total,** 34 species; about 1216 individuals.—Mrs. Alden Bauder, Mae Daubendiek, R. W. Daubendiek (compiler), Mrs. Burt Henning, O. M. Hovde, Diane Miller, Mrs. William Walker.

409. Des Moines, Iowa (all points within a 15-mile diameter circle, center at intersection of 63 and Center Streets, including Glendale and Pine Hill Cemeteries, Dale Maffitt Reservoir, Gray's and Fisher's Lakes, Flint Acres Access; Greenwood, Ashworth, Sycamore, Pioneer, Ewing, Grandview and Walnut Woods State Parks; Sewage Treatment Works; Margo Frankel, Crocker, Dove, Brown's and Charles Sing Denman Woods; city 5%, coniferous plantings 3%, brush 13%, partially cleared or planted deciduous woodland 11%, deciduous woodland 39%, open fields 19%, open water, river and lake banks 10%).—Dec. 26; 7:45 a.m. to 5 p.m. Overcast; temp. 50° to 54°; wind SSE to SE, 12-13 m.p.h.; no snow. Fifteen observers in 5 parties. Total party-hours, 37 (24 on foot, 13 by car); total party-miles, 209 (25 on foot, 184 by car). ► Canada Goose, 4; Mallard, 1700; Black Duck, 6; Ring-necked

Duck, 1; Lesser Scaup, 1; **Common Scoter, 1** (on Gray's Lake since mid-Nov.); Cooper's Hawk, 1; Red-tailed Hawk, 4; Marsh Hawk, 1; Sparrow Hawk, 3; Bobwhite, 24; Ring-necked Pheasant, 4; Common Snipe, 1; Mourning Dove, 1; Great Horned Owl, 2; Barred Owl, 2; Saw-whet Owl, 1; Belted Kingfisher, 5; Yellow-shafted Flicker, 9; Red-bellied Woodpecker, 17; Red-headed Woodpecker, 5; Hairy Woodpecker, 13; Downy Woodpecker, 55; Blue Jay, 63; Common Crow, 85; Black-capped Chickadee, 139; Tufted Titmouse, 39; White-breasted Nuthatch, 56; Red-breasted Nuthatch, 1; Brown Creeper, 11; Carolina Wren, 2; **Mockingbird, 1** (present 3 months); Robin, 5; Cedar Waxwing, 1; shrike (sp.), 1; Starling, 2637; House Sparrow, 2200; Redwinged Blackbird, 2; Common Grackle, 1; Cardinal, 106; Purple Finch, 8; Common Redpoll, 37; Am. Goldfinch, 33; Slate-colored Junco, 352; Tree Sparrow, 443; Harris' Sparrow, 17; White-crowned Sparrow, 1; Song Sparrow, 40. **Total,** 48 species; about 8142 individuals. (Seen in area count period but not on count day: Great Blue Heron, Common Goldeneye, Red-shouldered Hawk, Golden-crowned Kinglet, Northern Shrike.)—Dorothy Anderson, Albert C. Berkowitz, Mrs. Dwight Brooke, Woodward H. Brown, Oliver W. Graves, Mr. and Mrs. Lester W. Haskell, William Houser, Joe Kennedy, Robert E. G. Norton, Dr. and Mrs. Harold R. Peasley, Mary Elizabeth Peck, Mary Ellen Warters (compiler), Lynn Willcockson.

410. Dubuque, Iowa (all points within a 15-mile diameter circle, center Center Grove Cemetery entrance, including Linwood and Mt. Calvary Cemeteries, Eagle Point Park, City Island, Dubuque's Grave Area, Mississippi River sloughs; open fields 10%, coniferous woodlands 15%, deciduous woodlands 40%, river sloughs 35%).—Jan. 3: 7:30 a.m. to 4 p.m. Cloudy to clear; temp. 11° to 17°; wind W, 15 m.p.h.; mostly bare ground, river open below dam. Nine observers in 2 parties. Total party-hours, 13 (10 on foot, 3 by car); total party-miles, 41 (11 on foot, 30 by car). ► Mallard, 2; Common Merganser, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 1; Bald Eagle, 1; Herring Gull, 203; Long-eared Owl, 2; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 5; Red-headed Woodpecker, 7; Hairy Woodpecker, 7; Downy Woodpecker, 13; Horned Lark, 20; Blue Jay, 14; Common Crow, 8; Black-capped Chickadee, 13; Tufted Titmouse, 5; White-breasted Nuthatch, 12; Red-breasted Nuthatch, 1; Brown Creeper, 3; Golden-crowned Kinglet, 2; Starling, 43; House Sparrow, 67; Cardinal, 14; Am. Goldfinch, 4; Slate-colored Junco, 51; Tree Sparrow, 24. **Total,** 27 species; about 526 individuals. (Seen in area count period, but not on count day: Northern Shrike.)—Frieda Crossley, George Crossley (compiler), Clifford Johnson, Robert Johnson, Robert McCaughey, Florence McCaughey, Ival Schuster, Phyllis Shultz, Robert Spahn.

411. Iowa City, Iowa (all points within a 15-mile diameter circle, center 5 miles north of Iowa City as in previous years; open farmlands 45%, deciduous woodland 45%, coniferous woodland 10%).—Jan. 2; 7 a.m. to 5 p.m. Partly cloudy, snow flurries; temp. 28° to 34°; wind SW, 15 m.p.h.; trace of snow on ground, rivers open, lakes partly open, ponds frozen. Five observers in 2 parties. Total party-hours, 12 (6 on foot, 6 by car); total party-miles, 80 (10 on foot, 70 by car). ► Mallard, 352; Black Duck, 12; Pintail, 1; Cooper's Hawk, 2; Red-tailed Hawk, 11; Red-shouldered Hawk, 1; Rough-legged Hawk, 2; Sparrow Hawk, 2; Ring-necked Pheasant, 4; Am. Coot, 3; Great Horned Owl, 1; Barred Owl, 2; Long-eared Owl, 3; Saw-whet Owl, 2; Yellow-shafted Flicker, 1; Pileated Woodpecker, 1; Red-bellied Woodpecker, 3; Red-headed Woodpecker, 6; Hairy Woodpecker, 3; Downy Woodpecker, 11; Horned Lark, 1; Blue Jay, 11; Common Crow, 49; Black-capped Chickadee, 24; Tufted Titmouse, 4; White-breasted Nuthatch, 8; Brown Creeper, 2; Robin, 2; Northern Shrike, 2; Starling, 210; House Sparrow, 106; Redwinged Blackbird, 97; Cardinal, 41; Purple Finch, 2; Am. Goldfinch, 10; Slate-colored Junco, 41; Tree Sparrow, 153; Song Sparrow, 3. **Total,** 38 species; about 1189 individuals. (Seen in area count period, but not on count day: Bald Eagle.)—W. C. Keetel, F. W. Kent (compiler), Dr. and Mrs. P. P. Laude, M. W. Weld.

412. Liscomb, Iowa (all points within a 15-mile diameter circle, center Albion, including areas along Iowa River and Dodd Creek, Meier's Woods, Jensen's Woods, Liscomb; deciduous woodlands 45%, brushy stream, pond, river edges 25%, open farmland 24%, roadsides 5%, feeders 1%).—Jan. 1; 8:30 a.m. to 4:30 p.m. Cloudy, snow after 1 p.m.; temp. 23° to 31°; wind SE, 13-18 m.p.h.; light snow cover, ponds frozen, river open. Two observers in 1 party. Total party-hours, 8 (7 on foot, 1 by car); total party-miles, 45 (9 on foot, 36 by car). ► Bobwhite, 9; Ring-necked Pheasant, 1; Mourning Dove, 10; Belted Kingfisher, 1; Yellow-shafted Flicker, 6; Red-bellied Woodpecker, 6; Red-headed Woodpecker, 2; Hairy Woodpecker, 1; Downy Woodpecker, 9; Blue Jay, 5; Common Crow, 18; Black-capped Chickadee, 11; Tufted Titmouse, 2; White-breasted Nuthatch, 10; Starling, 80; House Sparrow, 42; Cardinal, 6; Am. Goldfinch, 2; Slate-colored Junco, 23; Tree Sparrow, 30. **Total,** 20 species; about 274 individuals. (Seen in area count period, but not on count day: Common Snipe, **tern** (sp.).)—Beth Proescholdt (compiler), Terry Proescholdt.

413. Mount Vernon, Iowa (all points within a 15-mile diameter circle, center same as last year).—Dec. 30; 7:30 a.m. to 4:30 p.m. Cloudy, some light snow; temp. 24° to 34°; wind S, 0-5 m.p.h.; light snow on ground, main channel of Red Cedar River open. Three observers in 1 party. Total party-hours, 8½ (6½ on foot, 2 by car); total party-miles, 49 (11 on foot, 38 by car). ► Red-tailed Hawk, 3; Sparrow Hawk, 5; Ring-necked Pheasant, 5; Mourning Dove, 39; Yellow-shafted Flicker, 2; Red-bellied Woodpecker, 3; Red-headed Woodpecker, 2; **Yellow-bellied Sapsucker, 1**; Downy Woodpecker, 8; Blue Jay, 24; Common Crow, 15; Black-capped Chickadee, 30; Tufted Titmouse, 8; White-breasted Nuthatch, 10; Robin, 1; Golden-crowned Kinglet, 1; Starling, 186; House Sparrow, 311; meadowlark (sp.), 2; Cardinal, 25; Am. Goldfinch, 6; Slate-colored Junco, 78; Tree Sparrow, 14; Song Sparrow, 4. **Total,** 24 species; about 783 individuals.—Seddie Cogswell, Jr., J. David Ennis, J. Harold Ennis (compiler).

414. Shenandoah, Iowa (all points within a 15-mile diameter circle, center Farragut as last year; river woods 20%, other deciduous woodland including orchards 25%, coniferous woodland 10%, open farmland and prairie 45%).—Jan. 3; 8 a.m. to 5:30 p.m. Clear; temp. 11° to 5°; wind NW, 2-15 m.p.h.; 2-in. snow on ground, rivers partly open. Seven observers in 3 parties. Total party-hours, 19 (5 on foot, 14 by car); total party-miles, 177 (6 on foot, 171 by car). ► Canada Goose, 105; Mallard, 108; Cooper's Hawk, 1; Red-tailed Hawk, 6; Rough-legged Hawk, 1; Marsh Hawk, 7; Sparrow Hawk, 6; Ring-necked Pheasant, 1; Common Snipe, 1; Mourning Dove, 10; Great Horned Owl, 1; Yellow-shafted Flicker, 6; Red-bellied Woodpecker, 1; Red-headed Woodpecker, 2; Hairy Woodpecker, 6; Downy Woodpecker, 17; Horned Lark, 66; Blue Jay, 21; Common Crow, 668; Black-capped Chickadee, 20; White-breasted Nuthatch, 5; Brown Creeper, 2; Robin, 1; Cedar Waxwing, 2; Loggerhead Shrike, 5; Starling, 172; House Sparrow, 558; Western Meadowlark, 185; Redwinged Blackbird, 1; Common Grackle, 2; Cardinal, 14; Am. Goldfinch, 49; Slate-colored Junco, 814; Tree Sparrow, 1238; Harris' Sparrow, 21; White-crowned Sparrow, 29; Song Sparrow, 4; Lapland Longspur, 285. **Total,** 38 species; about 4441 individuals. (Seen in area count period, but not on count day: Snow Goose, Tufted Titmouse, Golden-crowned Kinglet, Brown-headed Cowbird.)—Mr. and Mrs. Robert I. Bordner, Mrs. Robert I. Bordner, Sr., Francis M. Braley, Mrs. Francis M. Braley (compiler), Mr. and Mrs. Edward C. Vaughn.

415. Sioux City, Iowa (all points within a 15-mile diameter circle, center Logan Park Cemetery; open fields 30%, coniferous woodland 40%, deciduous woodland 20%, river slough 10%).—Jan. 3; 8 a.m. to 4 p.m. Partly cloudy; temp. 7° to 12°; wind NW, 20 m.p.h.; 8-in. snow on level, streams and rivers frozen. Six observers in 2 parties. Total party-hours, 12 (3 on foot, 9 by car); total party-miles, 75 (6 on foot, 69 by car). ► Bobwhite, 25; Ring-necked Pheasant, 3; Red-shafted Flicker, 10; Red-bellied Woodpecker, 3; **Red-headed Woodpecker, 8** (R.L.N.); Hairy Woodpecker, 6; Downy Woodpecker, 15; Horned Lark, 15; Blue Jay, 10; Common Crow, 9; Black-capped Chickadee, 17; White-breasted Nuthatch, 4; Red-breasted Nuthatch, 1; Brown Creeper, 3; Winter Wren, 1; Robin, 2; Cedar Waxwing, 9; Starling, 900; House Sparrow, 137; Western Meadowlark, 1; Cardinal, 10; Pine Siskin, 3; Am. Goldfinch, 45; Slate-colored Junco, 46; Tree Sparrow, 22; Harris' Sparrow, 10; Lapland Longspur, 25; Snow Bunting, 1. **Total,** 28 species; about 1341 individuals. —Mrs. W. W. Barrett, Mr. and Mrs. Darrell Hanna, L. J. Nickolsen, Mr. and Mrs. Robert L. Nickolson (compilers).

416. Tripoli Area, Iowa (all points within a 15-mile diameter circle, center Section 2, Fremont Township, Bremer Co., including Sweet Marsh Refuge, Wapsipinicon River Valley; prairie farmlands 75%, deciduous woodland 25%).—Jan. 1; 7:30 a.m. to 4:45 p.m. Low clouds, snow flurries p.m.; temp. 26° to 30°; wind SSE, 25 m.p.h.; light snow cover, running water in river and creeks. Eleven observers in 1 party. Total party-hours, 9 (5 on foot, 4 by car); total party-miles, 96 (13 on foot, 83 by car). ► Mallard, 8; Red-tailed Hawk, 1; Red-shouldered Hawk, 2; Rough-legged Hawk, 5; Ring-necked Pheasant, 34; Great Horned Owl, 2; **Saw-whet Owl, 1**; Yellow-shafted Flicker, 11; Red-bellied Woodpecker, 13; Red-headed Woodpecker, 3; Hairy Woodpecker, 2; Downy Woodpecker, 23; Horned Lark, 7; Blue Jay, 18; Common Crow, 66; Black-capped Chickadee, 43; White-breasted Nuthatch, 17; Brown Creeper, 2; Northern Shrike, 1; **Loggerhead Shrike, 1** (all field marks); Starling, 131; House Sparrow, 294; Cardinal, 10; Purple Finch, 8; Am. Goldfinch, 195; Slate-colored Junco, 154; Tree Sparrow, 34; Song Sparrow, 2. **Total,** 28 species; about 1088 individuals.—Myrle M. Burk (compiler), Virgil E. Dowell, Martin L. Grant, Annette Haffner, Russell M. Hays, Clarice Hewitt, Mabelle Hinkley, Rodger Moon, Arlo Raim, Maxine Schwanke, George Swanson.

417. Union Slough National Wildlife Refuge, Iowa (all points within a 15-mile diameter circle; 2077 acre waterfowl refuge 5½ miles west of Titonka; marsh and water 49%, upland grasslands and ash-elm-willow thickets 41%, cultivated croplands 10%).—Dec. 29; 8:30 a.m. to 4:30 p.m. Cloudy; temp. 27° to 30°; wind N, 16 m.p.h.; ground bare, little open water in pools. Four observers in 1 party. Total party-hours, 8 (4 on foot, 4 by car); total party-miles, 8 (3 on foot, 5 by car). ► Mallard, 13; Black Duck, 1; Rough-legged Hawk, 1; Ring-necked Pheasant, 790; Great Horned Owl, 8; Yellow-shafted Flicker, 4; Downy Woodpecker, 6; Blue Jay, 8; Common Crow, 31; Black-capped Chickadee, 46; White-breasted Nuthatch, 4; Northern Shrike, 1; Redwinged Blackbird, 42; Cardinal, 1; Common Redpoll, 50; Am. Goldfinch, 2; Slate-colored Junco, 67; Tree Sparrow, 144; Song Sparrow, 1. **Total,** 19 species; about 1220 individuals. —Harold H. Burgess (compiler).

418. Jameson, Mo. (all points within a 15-mile diameter circle, center William Corbin farm 7 miles northwest of Jameson; timber 10%, water 3%, open fields and cultivated land 87%).—Dec. 30; 7:30 a.m. to 5 p.m. Partly cloudy, light snow a.m.; temp. 25° to 35°; wind NE, 5-10 m.p.h. Two observers in 1 party. Total party-hours, 8½ (3½ on foot, 5 by car); total party-miles, 120 (10 on foot, 110 by car). ► Red-tailed Hawk, 3; Sparrow Hawk, 7; Great Horned Owl, 1; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 7; Hairy Woodpecker, 6; Downy Woodpecker, 12; Horned Lark, 6; Blue Jay, 46; Common Crow, 6; Black-capped Chickadee, 35; Tufted Titmouse, 8; Red-breasted Nuthatch, 1; Mockingbird, 3; Eastern Bluebird, 3; Northern Shrike, 3; Starling, 40; House Sparrow, 309; Cardinal, 105; Purple Finch, 3; Am. Goldfinch, 146; Slate-colored Junco, 522; Tree Sparrow, 311; Song Sparrow, 8. **Total,** 24 species; about 1592 individuals. (Seen in area count period, but not on count day: Robin, meadowlark (sp.).)—James Corbin (compiler), Wayne Vyrostek.

419. Kansas City, Mo.–Kans. (all points within a 15-mile diameter circle, center in the Argentine, in-

cluding Quivira Lake, Wyandotte County Lake, northwest end of Swope Park, areas along Missouri River, suburbs; open fields 20%, deciduous wooded lakes 30%, riverbottoms 20%, deciduous wooded parks 20%, suburbs 10%).—Dec. 27; 5 a.m. to 5:15 p.m. Cloudy, rain and snow; temp. 52° to 35°; wind NW, 15 m.p.h.; .4 in. rain, snow flurries, water areas open. Fourteen observers in 5 parties. Total party-hours, 56 (19 on foot, 37 by car); total party-miles, 362 (26 on foot, 336 by car). ► Mallard, 1244; Black Duck, 6; Gadwall, 6; Redhead, 1; Lesser Scaup, 2; Common Goldeneye, 1; Common Merganser, 208; Red-breasted Merganser, 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 12; **Peregrine Falcon, 1** (D. and J.R.); Sparrow Hawk, 7; Bobwhite, 25; Am. Coot, 1; Killdeer, 2; Mourning Dove, 46; Screech Owl, 4; Great Horned Owl, 1; Barred Owl, 2; Belted Kingfisher, 5; Yellow-shafted Flicker, 38; Red-shafted Flicker, 1; Red-bellied Woodpecker, **67**; Red-headed Woodpecker, **21**; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 14; Downy Woodpecker, 92; Horned Lark, 2; Blue Jay, 131; Common Crow, 130; Black-capped Chickadee, 266; Tufted Titmouse, 124; White-breasted Nuthatch, 2; Brown Creeper, 7; Winter Wren, 1; Carolina Wren, 29; Mockingbird, **8**; Robin, 64; Eastern Bluebird, 28; **Townsend's Solitaire, 1** (seen well—J.R.); Golden-crowned Kinglet, 5; Ruby-crowned Kinglet, 2; Loggerhead Shrike, 4; Starling, 1632; Myrtle Warbler, 3; House Sparrow, 763; Eastern Meadowlark, 41; Western Meadowlark, 1; Red-winged Blackbird, 2; Rusty Blackbird, **50+**; Common Grackle, 8; Brown-headed Cowbird, 4; Cardinal, 293; Purple Finch, 3; Pine Siskin, 1; Am. Goldfinch, 79; Rufous-sided Towhee, 8 (1 Spotted); Slate-colored Junco, 664; Oregon Junco, 17; Tree Sparrow, 174; Harris' Sparrow, 34; White-crowned Sparrow, 4; White-throated Sparrow, 6; Fox Sparrow, 11; Lincoln's Sparrow, 3; Song Sparrow, 80; Lapland Longspur, 100. **Total,** 68 species (1 additional race); about 6599 individuals. (Seen in area count period, but not on count day: Canada Goose, Rough-legged Hawk, Swamp Sparrow.)—Felicia Bart, Elizabeth Cole, Rilla Hammat, Jim Keck, Jim Myers, Mary Louise Myers, Ted Pucci, Dean Rising, James Rising (compiler), Clarence Schutty, Curtis Stout, Frances Stout, Marian Stout, Bernice Tatum (Burroughs Nature Club).

420. Portage Des Sioux, Mo. (all points within a 15-mile diameter circle, center Portage Des Sioux on Mo. side of river; approximately same terrain as last year; bottomlands and sloughs 71%, weed-grown fields 6%, tilled fields 21%, shallow marshes 2%).—Jan. 2; 8:15 a.m. to 4:30 p.m. Cloudy, intermittent light rain; temp. 48° to 53°; wind SSE, 6-8 m.p.h.; water open. Twenty-one observers in 1 party. Total party-hours, 8¼ (7 on foot, 1¼ by car); total party-miles, 19 (4 on foot, 15 by car). ► Great Blue Heron, 2; Canada Goose, 21; Snow Goose, 1; Blue Goose, 16; Mallard, 3876; Black Duck, 8; Pintail, 21; Ring-necked Duck, 5; Red-tailed Hawk, 6; Red-shouldered Hawk, 1; Rough-legged Hawk, 1; Bald Eagle, 2; Marsh Hawk, 2; Sparrow Hawk, 3; Bobwhite, 1; Ring-necked Pheasant, 1; Am. Coot, 3; Ring-billed Gull, 37; Mourning Dove, 89; Belted Kingfisher, 1; Yellow-shafted Flicker, 23; Pileated Woodpecker, 1; Red-bellied Woodpecker, 6; Red-headed Woodpecker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 5; Horned Lark, 33; Blue Jay, 2; Common Crow, 83; Black-capped Chickadee, 6; Tufted Titmouse, 5; White-breasted Nuthatch, 1; Brown Creeper, 1; Carolina Wren, 2; Mockingbird, 1; Robin, 27; Golden-crowned Kinglet, 1; Cedar Waxwing, 6; Loggerhead Shrike, 1; Starling, 363; House Sparrow, 271; European Tree Sparrow, 8; Eastern Meadowlark, 65; Western Meadowlark, 1; Redwinged Blackbird, 63; Cardinal, 12; Am. Goldfinch, 5; Savannah Sparrow, 1; Slate-colored Junco, 16; Tree Sparrow, 132; Swamp Sparrow, 2; Song Sparrow, 4; Lapland Longspur, 5. **Total,** 53 species; about 5253 individuals.—Samuel Alfend, Richard Anderson, J. Lee Bess, Alberta M. Bolinger, George Cameron, Mr. and Mrs. Kenneth Carter, J. Earl Comfort (compiler), Walter George, Jr., John Gilland, R. H. Hanselmann, Steve Hanselmann, Earl H. Hath, John McDonald, Mr. and Mrs. Joel Massie, R. C. Quade, Joseph Stumpf, Mr. and Mrs. Dick Vasse, Dorothea Vogel (St. Louis Audubon Society).

421. Springfield, Mo. (all points within a 15-mile diameter circle, center same as in 1957 and 1958; lakeshore 20%, marshes 10%, deciduous woodland 10%, open fields 20%, roadsides and railroad tracks 40%).—Jan. 2; 8 a.m. to 5 p.m. Low overcast; temp. 32° to 40°; wind NW, 2-5 m.p.h.; no snow or ice. Two observers in 1 party. Total party-hours, 9 (7 on foot, 2 by car); total party miles, 14 (4 on foot, 10 by car). ► **Double-crested Cormorant, 1** (present all month); Great Blue Heron, 2; Mallard, 700; Green-winged Teal, 3; Cooper's Hawk, 1; Red-tailed Hawk, 5; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 2; Bobwhite, 8; Killdeer, 5; Herring Gull, 2; Mourning Dove, 23; Great Horned Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 1; Pileated Woodpecker, 1; Red-bellied Woodpecker, 4; Red-headed Woodpecker, 16; Hairy Woodpecker, 1; Downy Woodpecker, 7; Blue Jay, 14; Common Crow, 35; Carolina Chickadee, 5; Tufted Titmouse, 7; White-breasted Nuthatch, 1; Carolina Wren, 2; Mockingbird, 2; Robin, 4; Eastern Bluebird, 6; Loggerhead Shrike, 2; Starling, 1000; House Sparrow, 50; Eastern Meadowlark, 4; Western Meadowlark, 12; Redwinged Blackbird, 18; Rusty Blackbird, 7; Common Grackle, 4; Brown-headed Cowbird, 12; Cardinal, 32; Purple Finch, 18; Pine Siskin, 3; Am. Goldfinch, 15; Rufous-sided Towhee, 4; Slate-colored Junco, 78; Oregon Junco, 6; Tree Sparrow, 56; Field Sparrow, 2; Harris' Sparrow, 6; White-crowned Sparrow, 16; White-throated Sparrow, 6; Fox Sparrow, 6; Lincoln's Sparrow, 2; Song Sparrow, 47. **Total,** 54 species; about 2269 individuals.—N. Irving Fay (compiler), Christine Fay.

422. Squaw Creek National Wildlife Refuge, Mo. (all points within a 15-mile diameter circle, center Refuge Headquarters 5 miles south of Mound City; deciduous woodlands 50%, lake and marsh 50%).—Dec. 27; 8 a.m. to 4:30 p.m. Cloudy, rain, snow; temp. 38° to 32°; wind NW, 6-14 m.p.h.; no snow cover at start, 3-in. fall by late afternoon, pools

open. Six observers in 2 parties. Total party-hours, 17 (7 on foot, 10 by car); total party-miles, 41 (7 on foot, 34 by car). ► **Am. Bittern, 1**; Canada Goose, 610; Snow Goose, 10,000; Blue Goose, 8000; Mallard, 55,000; Black Duck, 1; Pintail, 1; Common Merganser, 32; Red-tailed Hawk, 6; Bald Eagle, 31; Marsh Hawk, 3; Ring-necked Pheasant, 14; Great Horned Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 3; Red-bellied Woodpecker, 4; Downy Woodpecker, 6; Blue Jay, 5; Common Crow, 40; Black-capped Chickadee, 19; Tufted Titmouse, 5; Brown Creeper, 2; Carolina Wren, 2; Robin, 20; House Sparrow, 40; Redwinged Blackbird, 13,000; Common Grackle, 3; Cardinal, 24; Am. Goldfinch, 28; Slate-colored Junco, 17; Tree Sparrow, 161; White-crowned Sparrow, 7; Swamp Sparrow, 2; Song Sparrow, 4. **Total,** 34 species; about 87,093 individuals. (Seen in area count period, but not on count day: Red-headed Woodpecker.)—Harold Bradley, Keith Derr, Kenneth Krumm (compiler), Floyd Lawhon, Mrs. Floyd Lawhon, Richard Spiek.

423. **Weldon Springs, Mo.** (all points within a 15-mile diameter circle, center Weldon Springs, including August A. Busch Wildlife Area as in previous years).—Jan. 3; 8 a.m. to 5 p.m. Heavy clouds a.m., clear p.m.; temp. 24° to 32°; wind NW, 10 m.p.h. Seventeen observers in 12 parties. Total party-hours, 32 (30 on foot, 2 by car); total party-miles, 110 (54 on foot, 56 by car). ► Great Blue Heron, 1; Canada Goose, 65; Mallard, 299; Black Duck, 1; Pintail, 22; Green-winged Teal, 1; Common Goldeneye, 1; Cooper's Hawk, 2; Red-tailed Hawk, 17 (1 Western); Marsh Hawk, 3; Sparrow Hawk, 9; Bobwhite, 130; Ring-necked Pheasant, 1; Killdeer, 1; Mourning Dove, 76; Great Horned Owl, 3; Barred Owl, 1; Belted Kingfisher, 5; Yellow-shafted Flicker, 20; Pileated Woodpecker, 21; Red-bellied Woodpecker, 61; Hairy Woodpecker, 7; Downy Woodpecker, 77; Horned Lark, 8; Blue Jay, 96; Common Crow, 1105; Black-capped Chickadee, 77; Tufted Titmouse, 145; White-breasted Nuthatch, 15; Brown Creeper, 1; Winter Wren, 1; Carolina Wren, 25; Mockingbird, 105; Robin, 36; Eastern Bluebird, 99; Cedar Waxwing, 29; Loggerhead Shrike, 5; Starling, 1; House Sparrow, 250; Eastern Meadowlark, 64; Redwinged Blackbird, 602; Rusty Blackbird, 4; Common Grackle, 8; Cardinal, 301; Purple Finch, 13; Am. Goldfinch, 117; Rufous-sided Towhee, 6; Slate-colored Junco, 570; Oregon Junco, 2; Tree Sparrow, 620; Harris' Sparrow, 1; White-crowned Sparrow, 25; White-throated Sparrow, 13; Fox Sparrow, 22; Swamp Sparrow, 37; Song Sparrow, 17. **Total,** 56 species (1 additional race); about 5244 individuals.—Samuel Alfend, Dick Anderson, Mitz Anderson, J. Earl Comfort, James F. Comfort (compiler), Wally George, John Gilliand, Earl Hath, John Loomis, Tony McCall, Charles Magner, J. Marshall Magner, J. Marshall Magner, Jr., Robert Magner, Joel Massie, Dease Ruddick, Joe Stumpf (Webster Groves Nature Study Society).

424. **El Dorado, Ark.** (all points within a 15-mile diameter circle, center bridge on Champagnolle Road spanning Salt Creek).—Dec. 27; 4:30 a.m. to 4:30 p.m. Rain; temp. 62° to 40°; wind SE to W, 5-39 m.p.h. Nineteen observers in 4 parties. Total party-hours, 32 (12 on foot, 19 by car, 1 by bicycle); total party-miles, 241 (32 on foot, 205 by car, 4 by bicycle). ► Pied-billed Grebe, 1; Great Blue Heron, 5; Canada Goose, 5; Lesser Scaup, 4; Turkey Vulture, 1; Sharp-shinned Hawk, 1; Red-tailed Hawk, 4; Red-shouldered Hawk, 2; Sparrow Hawk, 3; Bobwhite, 31; Killdeer, 17; Mourning Dove, 1; Screech Owl, 1; Great Horned Owl, 1; Belted Kingfisher, 6; Yellow-shafted Flicker, 57; Pileated Woodpecker, 5; Red-bellied Woodpecker, 36; Red-headed Woodpecker, 4; Yellow-bellied Sapsucker, 10; Hairy Woodpecker, 8; Downy Woodpecker, 12; Eastern Phoebe, 3; Blue Jay, 244; Common Crow, 65; Carolina Chickadee, 76; Tufted Titmouse, 56; White-breasted Nuthatch, 16; Brown-headed Nuthatch, 7; Brown Creeper, 3; House Wren, 2; Winter Wren, 1; Carolina Wren, 65; Mockingbird, 79; Brown Thrasher, 49; Robin, 146; Hermit Thrush, 13; Eastern Bluebird, 54; Golden-crowned Kinglet, 58; Ruby-crowned Kinglet, 109; Cedar Waxwing, 132; Loggerhead Shrike, 8; Starling, 14; Myrtle Warbler, 83; Pine Warbler, 31; House Sparrow, 84; Eastern Meadowlark, 61; Redwinged Blackbird, 1; Rusty Blackbird, 169; Common Grackle, 3032; Brown-headed Cowbird, 10; Cardinal, 155; Purple Finch, 178; Am. Goldfinch, 219; Rufous-sided Towhee, 55; Savannah Sparrow, 4; Slate-colored Junco, 682; Chipping Sparrow, 12; Field Sparrow, 162; White-crowned Sparrow, 1; White-throated Sparrow, 688; Fox Sparrow, 15; Lincoln's Sparrow, 1; Swamp Sparrow, 6; Song Sparrow, 38. **Total,** 65 species; about 7102 individuals. (Seen in area count period, but not on count day: Little Blue Heron, Black Vulture, Common Snipe, Orange-crowned Warbler.)—Carl R. Amason, Randall Amason, Tommy Amason, Charles Born, Mr. and Mrs. Dudley C. Born, Steve T. Clinton, Lois M. Giles, Mr. and Mrs. W. Lynne Goodwin, Josephine Hanna, Archilee Harmon, Mrs. P. R. Mattocks, Paul Mattocks, Philip Mattocks, Philip Mattocks, Jr. (co-compiler), Hank Shugart, Jr. (co-compiler), Mr. and Mrs. H. H. Shugart.

425. **Fort Smith, Ark.–Moffett, Okla.** (all points within a 15-mile diameter circle, center at intersection of Hendrick's Blvd. and Cliff Drive; riverbottom fields 35%, riverbottom deciduous woods 6%, upland and airport fields 24%, upland deciduous woods 33%, farm ponds and lakes 2%).—Dec. 26; 6:30 a.m. to 6 p.m. Overcast, scattered showers; temp. 50° to 58°; wind ENE, 11 m.p.h. Twelve observers in 5 parties. Total party-hours, 44 (34 on foot, 10 by car); total party-miles, 267 (36 on foot, 231 by car). ► Great Blue Heron, 15; Mallard, 241; Pintail, 20; Green-winged Teal, 5; **Common Goldeneye, 1** (present several days); **Red-breasted Merganser, 1** (B.B., B.C.); duck (sp.), 205; Red-tailed Hawk, 11; Red-shouldered Hawk, 1; **Rough-legged Hawk, 2** (1 each by widely separated parties); Marsh Hawk, 11; Sparrow Hawk, 14; Bobwhite, 43; Killdeer, 181; **Am. Golden Plover, 1** (present since Dec. 20, carefully identified); Common Snipe, 41; Mourning Dove, 205; Roadrunner, 1; Great Horned Owl, 4; Barred Owl, 2; Belted Kingfisher, 3; Yellow-shafted Flicker, 64; Red-bellied Woodpecker, 4; Red-headed Wood-

pecker, **111**; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 6; Downy Woodpecker, 19; Horned Lark, 356; Blue Jay, 160; Common Crow, 329; Fish Crow, 67; Carolina Chickadee, 47; Tufted Titmouse, 29; White-breasted Nuthatch, 2; Brown Creeper, 6; Bewick's Wren, 1; Carolina Wren, 20; Mockingbird, 93; Brown Thrasher, 13; Robin, 104; Eastern Bluebird, 36; Ruby-crowned Kinglet, 1; Loggerhead Shrike, 26; Starling, 472; House Sparrow, 38; Eastern Meadowlark, 430; Western Meadowlark, 1; Redwinged Blackbird, 149; Brewer's Blackbird, 12; Common Grackle, 925; Brown-headed Cowbird, 201; blackbird (sp.), 4325; Cardinal, 116; Purple Finch, 26; Am. Goldfinch, 84; Rufous-sided Towhee, 30; Savannah Sparrow, 18; Le Conte's Sparrow, 1; Slate-colored Junco, 376; Field Sparrow, 60; Harris' Sparrow, 4; White-crowned Sparrow, 7; White-throated Sparrow, 94; Fox Sparrow, 12; Lincoln's Sparrow, 9; Swamp Sparrow, 10; Song Sparrow, 33; Lapland Longspur, 257; Smith's Longspur, 8; longspur (sp.), 60. **Total,** 67 species; about 10,261 individuals.—Ruth Armstrong, Bill Beall (compiler), Bobby Cogburn, Mrs. C. W. Dearinger, Mary Ann Dearinger, Ralph Fox, Johnny Price, Dr. and Mrs. M. M. Roberts, Mr. and Mrs. G. A. Springer, Bill Stewart.

426. Little Rock, Ark. (all points within a 15-mile diameter circle, center at Veterans Administration Hospital, North Little Rock).—Jan. 2; 7 a.m. to 5:30 p.m. Foggy until 10 a.m., light to heavy rain until noon, cloudy rest of day; temp. 41° to 47°; wind W, 15 m.p.h. Twenty observers in 12 parties. Total party-hours, 61 (46 on foot, 15 by car); total party-miles, 201 (23 on foot, 178 by car). ► Pied-billed Grebe, 3; Mallard, 122; Wood Duck, 3; Lesser Scaup, 6; Hooded Merganser, 5; Red-tailed Hawk, 2 (1 Krider's); Sparrow Hawk, 10; Bobwhite, 72; **King Rail, 1** (carefully identified—W.P.G.); Killdeer, 22; Common Snipe, 37; Mourning Dove, 52; Screech Owl, 2; Barred Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 109; Pileated Woodpecker, 6; Red-bellied Woodpecker, 46; Red-headed Woodpecker, 12; Yellow-bellied Sapsucker, 9; Hairy Woodpecker, 15; Downy Woodpecker, 76; Eastern Phoebe, 1; Horned Lark, 100; Blue Jay, 174; Common Crow, 72; Carolina Chickadee, 148; Tufted Titmouse, 89; White-breasted Nuthatch, 20; Brown-headed Nuthatch, 14; Brown Creeper, 10; Winter Wren, 2; Bewick's Wren, 9; Carolina Wren, 56; Mockingbird, 88; Brown Thrasher, 10; Robin, 178; Hermit Thrush, 2; Eastern Bluebird, **26**; Golden-crowned Kinglet, 25; Ruby-crowned Kinglet, 15; Cedar Waxwing, 39; Loggerhead Shrike, 33; Starling, 2328; Myrtle Warbler, 10; Pine Warbler, 23; House Sparrow, 412; Eastern Meadowlark, 264; Redwinged Blackbird, 610; Brewer's Blackbird, 12; Common Grackle, 3972; Brown-headed Cowbird, 3; blackbird (sp.), 20,000; Cardinal, 184; Purple Finch, 54; Am. Goldfinch, 219; Rufous-sided Towhee, 20; Savannah Sparrow, 21; Le Conte's Sparrow, 1; Vesper Sparrow, 2; Slate-colored Junco, 461; **Oregon Junco, 1** (at feeder since Dec. 10); Field Sparrow, 204; Harris' Sparrow, 1; White-crowned Sparrow, 44; White-throated Sparrow, 593; Fox Sparrow, 42; Lincoln's Sparrow, 3; Swamp Sparrow, 1; Song Sparrow, 120; Smith's Longspur, 4; **Total,** 70 species (1 additional race); about 31,333 individuals. (Seen in area count period, but not on count day: Turkey Vulture, Marsh Hawk, Am. Coot.)—H. K. Bell, A. L. Butler, Cleveland Cabler, H. H. Daniel (compiler), Mrs. F. Lyle Davis, Richard Deed, Mrs. E. A. Hegar, Martha T. Holder, W. P. and Sue Glass, Ross and Atha Jamison, Irene E. Miller, Mrs. Ben D. Moore, Joe A. Norton, Bernard Olds, Anthony Rogoski, Dr. and Mrs. Wm. P. Scarlett, W. Shepherd, Jr. (Pulaski County Audubon Society).

427. Lonoke, Ark. (all points within a 15-mile diameter circle, center 1 mile SE of middle of Lonoke as before; pond and lake 35%, shrubby old field, fencerow and roadside 22%, cropland, mostly rice stubble 16%, deciduous forest bottoms 13%, grassland and pasture 12%, town and barnyard 2%).—Dec. 26; 7 a.m. to 5:30 p.m. Overcast, midday rain; temp. 50° to 59°; wind SE, 6-9 m.p.h.; much standing water but bottoms not inundated. Eighteen observers in 7 parties. Total party-hours, 50 (36 on foot, 14 by car); total party-miles, 235 (39 on foot, 196 by car). ► **Eared Grebe, 1** (T.H.J.); Great Blue Heron, 2; Canada Goose, 20; Mallard, 1058; Gadwall, 7; Green-winged Teal, 18; Am. Widgeon, 63; Shoveler, 113; Wood Duck, 3; Ring-necked Duck, 18; Lesser Scaup, 108; Common Goldeneye, 1; Bufflehead, 50; Hooded Merganser, 5; Turkey Vulture, 1; Red-tailed Hawk, 17; **Harlan's Hawk, 1** (D.A.J.); Red-shouldered Hawk, 1; Marsh Hawk, 38; Sparrow Hawk, 24; Bobwhite, 35; King Rail, 1; Am. Coot, 500; Killdeer, 109; Common Snipe, 17; Least Sandpiper, 261; **Long-billed Dowitcher, 6** (D.A.J.); Mourning Dove, 82; Great Horned Owl, 1; Barred Owl, 5; Belted Kingfisher, 9; Yellow-shafted Flicker, 90; Pileated Woodpecker, 9; Red-bellied Woodpecker, 67; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 7; Downy Woodpecker, 16; Horned Lark, 10; Blue Jay, 87; Common Crow, 42; Carolina Chickadee, 46; Tufted Titmouse, 17; White-breasted Nuthatch, 1; Brown Creeper, 3; Winter Wren, 2; Carolina Wren, 31; Long-billed Marsh Wren, 1; Mockingbird, 42; Brown Thrasher, 7; Robin, 108; Hermit Thrush, 6; Eastern Bluebird, 11; Golden-crowned Kinglet, 10; Ruby-crowned Kinglet, 5; Water Pipit, 31; Sprague's Pipit, 1; Cedar Waxwing, 1; Loggerhead Shrike, 70; Starling, 1665; Myrtle Warbler, 2; **Yellowthroat, 1** (W.M.S.); House Sparrow, 1288; Eastern Meadowlark, 620; Western Meadowlark, 2; Redwinged Blackbird, 10,014; Rusty Blackbird, 305; Brewer's Blackbird, 432; Common Grackle, 11,903; Brown-headed Cowbird, 631; blackbird (sp.), 17,200; Cardinal, 283; Purple Finch, 14; Am. Goldfinch, 113; Rufous-sided Towhee, 9; Savannah Sparrow, 135; Le Conte's Sparrow, **2** (very low); Vesper Sparrow, 22; Slate-colored Junco, 167; Field Sparrow, 59; White-crowned Sparrow, 84; White-throated Sparrow, 421; Fox Sparrow, 21; Swamp Sparrow, 116; Song Sparrow, 310; Lapland Longspur, 740; Smith's Longspur, 2. **Total,** 86 species; about 49,862 individuals.—Irving T. Beach, Ben B. Coffey, Jr., H. H. Daniel, Mrs. F. Lyle Davis, Robert Estes, Jr., Earl J. Fuller, Douglas James (compiler), Helen Jamison, Keith Johnston, Mr. and Mrs. T. H. Johnston, Edward M.

King, Paul K. McCoy, Irene E. Miller, Dr. and Mrs. W. P. Scarlett, W. M. Shepherd, William M. Shepherd, Jr. (Arkansas Audubon Society).

428. Texarkana, Ark.–Tex. (all points within a 15-mile diameter circle, center where Texas and Arkansas boundaries meet Red River; same as last year, including a roost this year).—Dec. 26; 7 a.m. to 5:30 p.m. Cloudy, light rain a.m.; temp. 52° to 65°; wind 0-4 m.p.h. Nine observers in 2 parties. Total party-hours, 17 (12 on foot, 5 by car); total party-miles, 115 (18 on foot, 97 by car). ► Great Blue Heron, 4; Mallard, 2; Turkey Vulture, 24; Black Vulture, 5; Cooper's Hawk, 5; Red-tailed Hawk, 5 (2 Krider's); Red-shouldered Hawk, 3; Marsh Hawk, 6; Sparrow Hawk, 17; Bobwhite, 15; Killdeer, 4; Mourning Dove, 3; Barred Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 39; Pileated Woodpecker, 1; Red-bellied Woodpecker, 13; Red-headed Woodpecker, 8; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 2; Downy Woodpecker, 12; Eastern Phoebe, 1; Blue Jay, 26; Common Crow, 74; Carolina Chickadee, 12; Tufted Titmouse, 16; White-breasted Nuthatch, 2; Carolina Wren, 7; Mockingbird, 16; Brown Thrasher, 7; Robin, 16; Hermit Thrush, 1; Eastern Bluebird, 3; Ruby-crowned Kinglet, 3; Cedar Waxwing, 71; Loggerhead Shrike, 23; Starling, 246; Myrtle Warbler, 6; Pine Warbler, 2; House Sparrow, 131; Eastern Meadowlark, 118; Redwinged Blackbird, 2,500,000; Rusty Blackbird, 1; Common Grackle, 148; Cardinal, 96; Am. Goldfinch, 26; Rufous-sided Towhee, 2; Slate-colored Junco, 42; Field Sparrow, 5; White-crowned Sparrow, 1; White-throated Sparrow, 24; Fox Sparrow, 2; Song Sparrow, 11. **Total,** 53 species (1 additional race); about 2,501,313 individuals. (Seen in area count period, but not on count day: Brown Creeper, Brown-headed Nuthatch.)—Marty Beck, N. A. Bentley, Charles Gardner (compiler), Mrs. Charles Gardner, Dale Gardner, Gale Gardner, George Hoffman, Jack Logan, Mrs. Roy Snow.

429. White River National Wildlife Refuge, Ark. (all points within a 15-mile diameter circle, center Refuge Headquarters, St. Charles; south over bottoms road to Demonstration Area, White Lake, Frazer Lake, Farm Unit, return via State Highway 17 to Headquarters; bottomland hardwoods 40%, farmland and meadow 30%, upland hardwoods, coppice and abandoned fields 15%, lakes and bayous 10%, lawns and farm sites 5%).—Dec. 28; 6:55 a.m. to 5:15 p.m. Clear to cloudy; temp. 35° to 44°; wind NW, 20-25 m.p.h.; no water areas frozen. Two observers in 2 parties. Total party-hours, 17 (16 on foot, 1 by car); total party-miles, 25 (11 on foot, 14 by car). ► Great Blue Heron, 2; Canada Goose, 1901; Snow Goose, 1; Blue Goose, 2; Mallard, 99,437; Black Duck, 21; Gadwall, 2; Pintail, 132; Green-winged Teal, 1520; Am. Widgeon, 19; Shoveler, 7; Ring-necked Duck, 94; Lesser Scaup, 4; Red-tailed Hawk, 7; Golden Eagle, 11; Bald Eagle, 3; Marsh Hawk, 6; Peregrine Falcon, 1; Sparrow Hawk, 1; Bobwhite, 5; Killdeer, 1; Mourning Dove, 98; Barred Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 27; Pileated Woodpecker, 4; Red-bellied Woodpecker, 23; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 2; Eastern Phoebe, 1; Blue Jay, 12; Carolina Chickadee, 8; Tufted Titmouse, 4; Brown Creeper, 2; Winter Wren, 2; Carolina Wren, 2; Mockingbird, 10; Robin, 4; Hermit Thrush, 1; Golden-crowned Kinglet, 4; Ruby-crowned Kinglet, 1; Water Pipit, 2; Loggerhead Shrike, 2; Starling, 63; Myrtle Warbler, 1; House Sparrow, 11; Eastern Meadowlark, 73; Redwinged Blackbird, 5040; Rusty Blackbird, 20; Common Grackle, 1560; Brown-headed Cowbird, 6; Cardinal, 62; Slate-colored Junco, 54; White-throated Sparrow, 58; Swamp Sparrow, 1; Song Sparrow, 2. **Total,** 57 species; about 110,342 individuals. (Seen in area count period, but not on count day: Turkey Vulture, Turkey, Brown Thrasher, Eastern Bluebird, Field Sparrow, Fox Sparrow.)—Lloyd McAdams, Peter J. Van Huizen (compiler).

430. Buras–Venice, La. (all points within a 15-mile diameter circle, center 5 miles southeast of Buras, including Buras, Triumph, Boothville, Venice and surrounding areas; residential 5%, deciduous woods 10%, fields 5%, marsh, swamp, bays, and lakes 65%, orange groves 15%).—Dec. 30; 6:15 a.m. to 6:15 p.m. Partly cloudy to cloudy; temp. 44° to 60°; wind W to NW, 10-12 m.p.h. Nine observers in 3 parties. Total party-hours, 32 (28 on foot, 4 by car); total party-miles, 83 (26 on foot, 57 by car). ► Pied-billed Grebe, 3; Great Blue Heron, 38; **Green Heron, 8**; Little Blue Heron, 132; Cattle Egret, 4; Common Egret, 226; Snowy Egret, 102; Louisiana Heron, 87; **White-faced Ibis, 1155**; White Ibis, **1400**; Blue Goose, 22; Mallard, 6; Mottled Duck, 2; Gadwall, 3; Am. Widgeon, 2; Redhead, 2; Ring-necked Duck, 2; Lesser Scaup, 539; Hooded Merganser, 1; Turkey Vulture, **205**; Black Vulture, **239**; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 4; Red-shouldered Hawk, 8; Marsh Hawk, 3; Pigeon Hawk, 1; Sparrow Hawk, 17; King Rail, 1; Clapper Rail, 4; Sora, 3; Am. Coot, 1; Killdeer, 310; Common Snipe, 48; Spotted Sandpiper, **12**; Greater Yellowlegs, 55; Lesser Yellowlegs, 27; Dunlin, 11; Long-billed Dowitcher, 2; Herring Gull, 78; Ring-billed Gull, 231; Laughing Gull, 16; Bonaparte's Gull, 2; Gull-billed Tern, 21; Forster's Tern, 26; Common Tern, 2; Royal Tern, 4; Caspian Tern, 2; Mourning Dove, 98; Ground Dove, **25**; Barn Owl, 1; **Chuck-will's-widow, 1** (all field marks—M.L., M.W.); Belted Kingfisher, 65; Yellow-shafted Flicker, 8; Red-bellied Woodpecker, 6; Yellow-bellied Sapsucker, 26; Hairy Woodpecker, 4; Downy Woodpecker, 8; **Scissor-tailed Flycatcher, 19**; Eastern Phoebe, 24; Tree Swallow, 715; **Rough-winged Swallow, 55** (seen well); Blue Jay, 48; Common Crow, **118**; Fish Crow, 4; Carolina Chickadee, 30; Brown Creeper, 3; House Wren, 7; Winter Wren, 1; Carolina Wren, 25; Long-billed Marsh Wren, 7; Short-billed Marsh Wren, 1; Mockingbird, 58; Catbird, 3; Brown Thrasher, 37; Robin, 238; Hermit Thrush, 1; Blue-gray Gnatcatcher, 28; Golden-crowned Kinglet, **92** (invasion); Ruby-crowned Kinglet, 46; Water Pipit, 133; Cedar Waxwing, 115; Loggerhead Shrike, 24; Starling, 18; White-eyed Vireo, 3; Solitary Vireo, **9**; **Black-and-white Warbler, 6**; Orange-crowned Warbler, 281; **Lucy's Warbler, 1** (collected, new State record); **Magnolia Warbler, 1** (carefully studied—S.G., M.L., M.W.); Myrtle Warbler, 199;

Yellow-throated Warbler, 1; Pine Warbler, 6; Palm Warbler, 1; Yellowthroat, 56; Wilson's Warbler, **4**; House Sparrow, 54; Eastern Meadowlark, 12; Redwinged Blackbird, 765; Boat-tailed Grackle, 1687; Common Grackle, 2632; Brown-headed Cowbird, 1; Cardinal, 180; Purple Finch, **8**; Am. Goldfinch, 301; Savannah Sparrow, 10; Sharp-tailed Sparrow, 3; Seaside Sparrow, 20; Field Sparrow, 1; White-throated Sparrow, 22; Swamp Sparrow, 52; Song Sparrow, 2. **Total,** 112 species; about 13,480 individuals.—Michael E. Caldwell, Ralph Cambre, Mrs. H. A. J. Evans, Sidney A. Gauthreaux, Jr. (compiler), Mrs. Electa Levi, Mary Lewis, Mac Myers, Ava R. Tabor, Melvin Weber.

431. New Orleans, La. (all points within a 15-mile diameter circle, center Jackson Barracks, including City Park, Audubon Park, U. S. Naval Ammunition Depot, newly formed Wildlife Reserve in northeast sector of city; urban 45%, lake, marsh, and swamp 20%, farmlands 10%, woodlands 25%).—Jan. 3; 6:30 a.m. to 6 p.m. Partly cloudy to cloudy; temp. 48° to 55°; wind NNW, 15-25 m.p.h.; frontal passage last night, no rain today. Eleven observers in 4 parties. Total party-hours, 41 (31 on foot, 10 by car); total party-miles, 169 (27 on foot, 142 by car). ► Pied-billed Grebe, 6; Double-crested Cormorant, 1; Anhinga, 1; Little Blue Heron, 24; **Cattle Egret, 2**; Common Egret, 228; Snowy Egret, 10; Louisiana Heron, 40; Blue Goose, 11; Mallard, 2; Blue-winged Teal, 8; Lesser Scaup, 481; Hooded Merganser, **3**; Turkey Vulture, 46; Black Vulture, 44; Sharp-shinned Hawk, 1; Cooper's Hawk, 6; Red-tailed Hawk, 8; Red-shouldered Hawk, 21; Marsh Hawk, 8; Pigeon Hawk, 1; Sparrow Hawk, 19; Bobwhite, 1; Virginia Rail, 3; Sora, 10; Am. Coot, 7; Killdeer, 148; Black-bellied Plover, 4; Common Snipe, 31; Greater Yellowlegs, 20; Lesser Yellowlegs, 4; Least Sandpiper, 55; Dunlin, 20; Western Sandpiper, 10; Herring Gull, 82; Ring-billed Gull, 1009; Laughing Gull, 19; Bonaparte's Gull, 17; Gull-billed Tern, 1; Forster's Tern, 33; Common Tern, 3; Royal Tern 2; Caspian Tern, 7; **White-winged Dove, 1**; Mourning Dove, 66; Barn Owl, 1; Barred Owl, 1; **Ruby-throated Hummingbird, 1**; **Rufous Hummingbird, 1**; Belted Kingfisher, 20; Yellow-shafted Flicker, 39; Pileated Woodpecker, 2; Red-bellied Woodpecker, 37; Yellow-bellied Sapsucker, 16; Hairy Woodpecker, 4; Downy Woodpecker, 20; Eastern Phoebe, 16; **Vermilion Flycatcher, 1**; Tree Swallow, 15,328; Rough-winged Swallow, 2; Blue Jay, 135; Common Crow, 872; Fish Crow, 123; Carolina Chickadee, 78; Tufted Titmouse, 18; Red-breasted Nuthatch, 3; Brown Creeper, 5; House Wren, 8; Winter Wren, 2; Carolina Wren, 64; Long-billed Marsh Wren, 1; Mockingbird, 104; Catbird, 4; Brown Thrasher, 21; Robin, 3610; Hermit Thrush, 4; Eastern Bluebird, 23; Blue-gray Gnatcatcher, 29; Golden-crowned Kinglet, **22**; Ruby-crowned Kinglet, 168; Water Pipit, 410; Sprague's Pipit, 1; Cedar Waxwing, 607; Loggerhead Shrike, 27; Starling, 941; White-eyed Vireo, 3; Solitary Vireo, 6; Black-and-white Warbler, **4**; Orange-crowned Warbler, 77; Myrtle Warbler, 666; Pine Warbler, 15; Yellowthroat, 11; Wilson's Warbler, 2; House Sparrow, 247; Eastern Meadowlark, 205; Western Meadowlark, 1; Redwinged Blackbird, 668; **Bullock's Oriole, 1** (carefully identified); Rusty Blackbird, 1; Boat-tailed Grackle, 500; Common Grackle, 523; Brown-headed Cowbird, 35; Cardinal, 235; Am. Goldfinch, 215; Rufous-sided Towhee, 26; Savannah Sparrow, 32; Vesper Sparrow, 5; **Lark Sparrow, 4** (all field marks); Slate-colored Junco, 1; White-throated Sparrow, 225; Lincoln's Sparrow, 5; Swamp Sparrow, 50; Song Sparrow, 5. **Total,** 113 species; about 29,061 individuals. (Seen in area count period, but not on count day: Prairie Warbler, Pine Siskin.)—Mr. and Mrs. H. A. J. Evans, Rose Feingold, Sidney J. Garic, Sidney A. Gauthreaux, Jr. (compiler), William Graber, John M. Holmes, S. O. Landry, Jr., Mary Lewis, Buford M. Myers, Mac Myers.

432. Sabine National Wildlife Refuge, La. (all points within a 15-mile diameter circle, center in west cove of Calcasieu Lake 5½ miles NW of Cameron as last year; marsh 50%, lakes and bayous 20%, woods 10%, prairie 10%, beach and jetties 7%, town 3%).—Dec. 27; 12:15 a.m. to 6 p.m. Rain, fog most of day, clearing 3 p.m.; temp. 47° to 70°; wind SE to NW, 8-28 m.p.h. Eleven observers in 6 parties. Total party-hours, 63 (43 on foot, 13 by car, 7 by boat); total party-miles, 382 (37 on foot, 270 by car, 75 by boat; including 3 hours and 75 car miles at night). ► Common Loon, 7; Horned Grebe, 1; Pied-billed Grebe, 11; White Pelican, 240; Double-crested Cormorant, 136; Olivaceous Cormorant, 252; **Anhinga, 1**; Great Blue Heron, 66; Green Heron, 3; Little Blue Heron, 60; **Reddish Egret, 2**; Common Egret, 139; Snowy Egret, 247; Louisiana Heron, 142; Black-crowned Night Heron, 128; Yellow-crowned Night Heron, 4; Am. Bittern, 4; White-faced Ibis, **5627**; White Ibis, 357; **Roseate Spoonbill, 32** (1 flock); Canada Goose, 404; White-fronted Goose, 30; Snow Goose, 5000; Blue Goose, 12,000; Mallard, 2040; Black Duck, 6; Mottled Duck, 24; Gadwall, 215; Pintail, 3762; Green-winged Teal, 55; Blue-winged Teal, 695; Am. Widgeon, 1220; Shoveler, 980; Ring-necked Duck, 1502; Lesser Scaup, 990; Common Goldeneye, 5; Ruddy Duck, 4; Hooded Merganser, 5; Turkey Vulture, 7; Black Vulture, 5; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 18; **Harlan's Hawk, 1** (carefully identified—S.G.); Red-shouldered Hawk, 1; **Broad-winged Hawk, 1** (all field marks—S.G., R.M.); Marsh Hawk, 25; Peregrine Falcon, 4; Pigeon Hawk, 4; Sparrow Hawk, 32; Bobwhite, 25; King Rail, 25; Clapper Rail, 36; Virginia Rail, 3; Sora, 9; **Purple Gallinule, 2** (all field marks); Common Gallinule, 47; Am. Coot, 3500; Semipalmated Plover, 8; Piping Plover, 3; Killdeer, 176; Black-bellied Plover, 74; Ruddy Turnstone, 54; Am. Woodcock, 9; Common Snipe, 56; Long-billed Curlew, 7; **Whimbrel, 2** (20X scope, 100 yards—R.M.); Spotted Sandpiper, 1; Willet, 31; Greater Yellowlegs, 16; Lesser Yellowlegs, 64; Least Sandpiper, 75; Dunlin, 141; Short-billed Dowitcher, 1; Long-billed Dowitcher, 2; Semipalmated Sandpiper, 100; Western Sandpiper, 103; Sanderling, 86; Am. Avocet, 195; Herring Gull, 243; Ring-billed Gull, 270; Laughing Gull, 284; Bonaparte's Gull, 42; Gull-billed Tern, 7; Forster's Tern, 71; Common Tern, 5; Royal Tern, 15; Caspian Tern, 14; Black Skimmer, 470; **White-winged Dove,**

3 (unmistakable); Mourning Dove, 8; **Groove-billed Ani, 6** (close enough to see grooves); Barn Owl, 12; Screech Owl, 7; Great Horned Owl, 1; Burrowing Owl, 1; Barred Owl, 1; Belted Kingfisher, 86; Yellow-shafted Flicker, 35; Red-bellied Woodpecker, 8; Yellow-bellied Sapsucker, 14; Hairy Woodpecker, 1; Downy Woodpecker, 6; Eastern Phoebe, 14; Vermilion Flycatcher, 2; **Horned Lark, 8** (yellow on face, not Prairie); Tree Swallow, 1048; Blue Jay, 22; Fish Crow, 176; **Tufted Titmouse, 1**; Brown Creeper, 1; House Wren, 32; Winter Wren, 6; Carolina Wren, 3; Long-billed Marsh Wren, 17; Short-billed Marsh Wren, **90**; Mockingbird, 65; Catbird, 4; Brown Thrasher, 56; Robin, 127; Hermit Thrush, 9; Blue-gray Gnatcatcher, 129; Golden-crowned Kinglet, **18**; Ruby-crowned Kinglet, 113; Water Pipit, 324; Sprague's Pipit, 9; Cedar Waxwing, 21; Loggerhead Shrike, 92; Starling, 620; White-eyed Vireo, 2; Solitary Vireo, 3; Black-and-white Warbler, 3; Orange-crowned Warbler, 43; Myrtle Warbler, 8; Pine Warbler, 4; Palm Warbler, 2; Yellowthroat, 38; Wilson's Warbler, 2; House Sparrow, 140; Eastern Meadowlark, 236; Western Meadowlark, 9; Redwinged Blackbird, 1725; **Baltimore Oriole, 1**; **Bullock's Oriole, 1** (all field marks); Brewer's Blackbird, 1; Boat-tailed Grackle, 824; Common Grackle, 2; Brown-headed Cowbird, 51; Cardinal, 59; Pine Siskin, 1; Am. Goldfinch, 60; Rufous-sided Towhee, 4; Savannah Sparrow, 207; Le Conte's Sparrow, 3; Sharp-tailed Sparrow, 14; Seaside Sparrow, 42; Vesper Sparrow, 4; Slate-colored Junco, 1; White-crowned Sparrow, 24; White-throated Sparrow, 111; Lincoln's Sparrow, **37**; Swamp Sparrow, 89; Song Sparrow, 34. **Total,** 163 species; about 49,749 individuals.—Ralph Cambre, Sidney A. Gauthreaux, Jr., John P. Gee (compiler), Electa D. Levi, Mary Lewis, Robert B. Moore, Kent E. Myers, Mac Myers, Thomas Pugh, Ava R. Tabor, Melvin Weber.

433. St. Francisville, La. (all points within a 15-mile diameter circle, center 7 miles south of St. Francisville as in 1945 and subsequent years; river and lake shore 30%, fields 28%, deciduous bottomland 27%, hardwood upland 10%, marsh 3%, pine woods 2%).—Jan. 3; 6 a.m. to 5:30 p.m. Clear to partly cloudy; temp. 38° to 53°; wind N, 9 m.p.h. Eleven observers in 6 parties. Total party-hours, 52 (36 on foot, 16 by car); total party-miles, 211 (34 on foot, 177 by car). ► Common Loon, 1; Horned Grebe, 4; Pied-billed Grebe, 57; Great Blue Heron, 3; Common Egret, 18; Mallard, 12; Gadwall, 1; Redhead, 6; Ring-necked Duck, 11; Canvasback, 1; Lesser Scaup, 1010; Common Goldeneye, 4; Ruddy Duck, 1000; Turkey Vulture, 23; Black Vulture, 151; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 13; Red-shouldered Hawk, 10; Marsh Hawk, 3; Sparrow Hawk, 23; King Rail, 1; Virginia Rail, 1; Sora, 5; Am. Coot, 850; Killdeer, 65; Common Snipe, 4; Spotted Sandpiper, 2; Herring Gull, 2; Ring-billed Gull, 68; Bonaparte's Gull, 1; Forster's Tern, 2; **Caspian Tern, 1** (all field marks); Mourning Dove, 250; **Groove-billed Ani, 1** (study at only 25 ft.); Great Horned Owl, 2; Barred Owl, 8; Belted Kingfisher, 35; Yellow-shafted Flicker, 61; Pileated Woodpecker, 6; Red-bellied Woodpecker, 98; Red-headed Woodpecker, 9; Yellow-bellied Sapsucker, 42; Hairy Woodpecker, 4; Downy Woodpecker, 70; Eastern Phoebe, 25; Tree Swallow, 14; Rough-winged Swallow, 1; Blue Jay, 161; Common Crow, 305; Fish Crow, 104; Carolina Chickadee, 95; Tufted Titmouse, 68; Brown Creeper, 4; House Wren, 11; Winter Wren, 9; Bewick's Wren, 6; Carolina Wren, 121; Long-billed Marsh Wren, 1; Short-billed Marsh Wren, 1; Mockingbird, 82; Catbird, 1; Brown Thrasher, 125; Robin, 559; **Wood Thrush, 1** (carefully identified—P.C.); Hermit Thrush, 3; Eastern Bluebird, 66; Blue-gray Gnatcatcher, 40; Golden-crowned Kinglet, 26; Ruby-crowned Kinglet, 183; Water Pipit, 129; Cedar Waxwing, 176; Loggerhead Shrike, 86; Starling, 1692; White-eyed Vireo, 1; Solitary Vireo, 2; Orange-crowned Warbler, 38; Myrtle Warbler, 243; Pine Warbler, 1; Yellowthroat, 38; House Sparrow, 91; Eastern Meadowlark, 152; Western Meadowlark, 1; Redwinged Blackbird, 6510; Rusty Blackbird, 233; Brewer's Blackbird, 17; Common Grackle, 2935; Brown-headed Cowbird, 860; Cardinal, 869; Purple Finch, 8; Am. Goldfinch, 257; Rufous-sided Towhee, 113; Savannah Sparrow, 121; Vesper Sparrow, 36; Chipping Sparrow, 7; Field Sparrow, 88; White-crowned Sparrow, 2; White-throated Sparrow, 1150; Fox Sparrow, 15; Swamp Sparrow, 188; Song Sparrow, 37. **Total,** 101 species; about 22,052 individuals.—Laurence C. Binford, Phillip S. Callahan, Gipson L. Carter, Marshall B. Eyster, John P. Gee, George H. Lowery, Mary Ann Moore, Robert B. Moore (compiler), Robert A. Norris, Thomas B. Pugh, Ellen A. Taylor.

434. Shreveport, La. (all points within a 15-mile diameter circle, center 3 miles south of Blanchard).—Dec. 26; 4:40 a.m. to 5:30 p.m. Mostly cloudy, some mist; temp. 53° to 64°; wind SE, 7-21 m.p.h. Nine observers in 7 parties. Total party-hours, 71 (44 on foot, 25 by car, 2 by boat); total party-miles, 338 (47 on foot, 275 by car, 16 by boat). ► Pied-billed Grebe, 7; Great Blue Heron, 19; Common Egret, 3; Mallard, 5; Green-winged Teal, 1; Wood Duck, 4; Ring-necked Duck, 2; Canvasback, 500; Lesser Scaup, 21; Ruddy Duck, 76; Turkey Vulture, 22; Black Vulture, 12; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 5; Red-shouldered Hawk, 10; Marsh Hawk, 4; Sparrow Hawk, 14; Bobwhite, 76; Am. Coot, 1; Killdeer, 139; Common Snipe, 41; Least Sandpiper, 59; Herring Gull, 6; Ring-billed Gull, 283; Bonaparte's Gull, 3; Mourning Dove, 91; Screech Owl, 2; Great Horned Owl, 2; Barred Owl, 7; Belted Kingfisher, 7; Yellow-shafted Flicker, 148; Pileated Woodpecker, 11; Red-bellied Woodpecker, 70; Red-headed Woodpecker, **44**; Yellow-bellied Sapsucker, **53**; Hairy Woodpecker, 22; Downy Woodpecker, 53; Red-cockaded Woodpecker, 4; Eastern Phoebe, 6; Blue Jay, 375; Common Crow, 220; Fish Crow, 5; Carolina Chickadee, 200; Tufted Titmouse, 162; White-breasted Nuthatch, 18; Red-breasted Nuthatch, 1; Brown-headed Nuthatch, 27; Brown Creeper, 6; House Wren, 1; Winter Wren, 6; Bewick's Wren, 5; Carolina Wren, 158; Mockingbird, 216; Brown Thrasher, **110**; Robin, **779**; Hermit Thrush, 37; Eastern Bluebird, 152; Golden-crowned Kinglet, 140; Ruby-crowned Kinglet, 111; Water Pipit, 38; Cedar Waxwing, 440; Loggerhead Shrike, 50; Starling, 1900; Orange-crowned Warbler, 6; Myr-

tle Warbler, 80; Pine Warbler, 61; House Sparrow, 334; Eastern Meadowlark, 348; Western Meadowlark, 1; Redwinged Blackbird, 5400; Rusty Blackbird, 50; Brewer's Blackbird, 25; Common Grackle, 9750; Brown-headed Cowbird, 1750; Cardinal, 464; Purple Finch, 2; Pine Siskin, 3; Am. Goldfinch, 247; Rufous-sided Towhee, 111 (Spotted, 2); Savannah Sparrow, 102; Le Conte's Sparrow, 7; Vesper Sparrow, 12; Slate-colored Junco, 851; Oregon Junco, 1; Chipping Sparrow, 26; Field Sparrow, 438; Harris' Sparrow, 12; White-crowned Sparrow, 62; White-throated Sparrow, 835; Fox Sparrow, 45; Lincoln's Sparrow, 14; Swamp Sparrow, 66; Song Sparrow, 161. **Total,** 94 species (1 additional race); about 28,257 individuals.—Will J. Fullilove, G. Dale Hamilton, Mrs. Horace C. Hearne, L. G. Huey, Horace H. Jeter (compiler), Mrs. Lewis Jones, Robert L. Lance, O. C. Sheffield, James R. Stewart, Jr.

435. Arrowwood National Wildlife Refuge, N. Dak. (all points within a 15-mile diameter circle, center Refuge Headquarters, south on east side of James River to secondary headquarters, north on west side of James River to State Hwy. 9, thence south along east side of Arrowwood Lake, including two recreational areas, and return to Headquarters).—Dec. 29; 8 a.m. to 4:30 p.m.; temp. 15° to 18°; no wind. Two observers in 1 party. Total party-hours, 8½; total party-miles, 36 (6 on foot, 30 by car). ► Sharp-tailed Grouse, 6; Ring-necked Pheasant, 8; Gray Partridge, 5; Great Horned Owl, 1; Downy Woodpecker, 2; Black-billed Magpie, 1; Black-capped Chickadee, 1; House Sparrow, 23; Common Redpoll, 50; Snow Bunting, 20. **Total,** 10 species; about 117 individuals. (Seen in area count period, but not on count day: Golden Eagle, Short-eared Owl.)—John R. Frye (compiler), Robert M. Lysne.

436. Bismarck, N. Dak. (all points within a 15-mile diameter circle, center State Capitol Building; deciduous bottomland 15%, mixed conifers and hardwoods at Experiment Station and tree nursery 55%, bottomland fields and meadows 10%, upland fields and prairie 10%, farmsteads and feedlots 3%, weed fields 5%, urban 2%).—Dec. 26; 8 a.m. to 5 p.m. Overcast and fog; temp. 34° to 34°; wind WNW, 20-15 m.p.h.; 3-in. snow on ground, some open water in river. Eight observers in 3 parties. Total party-hours, 9 (5 on foot, 4 by car); total party-miles, 98 (6 on foot, 92 by car). ► Red-tailed Hawk, 1; Rough-legged Hawk, 2; Sharp-tailed Grouse, 2; Ring-necked Pheasant, 25; Great Horned Owl, 2; Hairy Woodpecker, 2; Downy Woodpecker, 1; Horned Lark, 18; Blue Jay, 6; Black-billed Magpie, 11; Black-capped Chickadee, 10; White-breasted Nuthatch, 1; Robin, 42; Bohemian Waxwing, 97; Cedar Waxwing, 31; Northern Shrike, 1; Starling, 110; House Sparrow, 1188; Evening Grosbeak, 2; Common Redpoll, 98; Slate-colored Junco, 3. **Total,** 21 species; about 1653 individuals. (Seen in area count period, but not on count day: Short-eared Owl, Tree Sparrow, Snow Bunting.)—E. G. Gahley, C. G. Gannon, John G. Hewston, Pearla Kapphahn, H. R. Morgan, E. B. Podoll, R. N. Randall (compiler), Betty Stephens (Bismarck Audubon Society).

437. Des Lacs National Wildlife Refuge, N. Dak. (all points within a 15-mile diameter circle, center Refuge Headquarters, including refuge coulees and lakeshores, Kenmare, surrounding farmlands; open fields and prairie 80%, wooded coulees and lakeshore 20%).—Dec. 27; 8:30 a.m. to 5 p.m. Cloudy; temp. 18° to 20°; wind NW, 10-15 m.p.h.; 8-in. snow on ground, water areas frozen. Ten observers in 5 parties. Total party-hours, 43 (8 on foot, 35 by car and jeep); total party-miles, 401 (15 on foot, 386 by car and jeep). ► Ring-necked Pheasant, 2; Gray Partridge, 196; Short-eared Owl, 1; Hairy Woodpecker, 2; Downy Woodpecker, 5; Horned Lark, 50; Black-billed Magpie, 24; Black-capped Chickadee, 16; Robin, 1; Bohemian Waxwing, 33; Northern Shrike, 2; Starling, 401; House Sparrow, 511; **Rusty Blackbird, 1**; Lapland Longspur, 6; Snow Bunting, 921. **Total,** 16 species; about 2172 individuals. (Seen in area count period, but not on count day: Rough-legged Hawk, Sharp-tailed Grouse, Great Horned Owl, Snowy Owl, Common Redpoll.)—Robert Gammell, Mrs. Robert Gammell (compiler), George Gard, Heath Gross, Robert Gross, Tim Ladendorf, James McCulley, L. E. McCulley, A. J. Pederson, Walt Thompson (Kenmare Bird Club).

438. Fargo, N. Dak.–Moorhead, Minn. (all points within a 15-mile diameter circle, center on Red River 4½ miles north of Fargo, including Red River Valley from River Oaks north to confluence of Red and the Sheyenne Rivers, portions of both Sheyenne and Buffalo Rivers; city parks and cemeteries 52%, agricultural land 17%, flood plain deciduous growth 11%, oak woods and tree claims 8%, deciduous shelterbelts 6%, city 4%, coniferous shelterbelts 2%).—Dec. 26; 7:45 a.m. to 5 p.m. Rain; temp. 45° to 36°; wind SSE, 10-15 m.p.h.; snow in sheltered spots, smaller streams frozen, Red River open. Ten observers in 3-10 parties. Total party-hours, 30 (24 on foot, 6 by car); total party-miles, 123 (34 on foot, 89 by car). ► Mallard, 1; Ring-necked Pheasant, 12; Gray Partridge, 4; **Screech Owl, 1** (seen well); Great Horned Owl, 2; Yellow-shafted Flicker, 4; Hairy Woodpecker, 14; Downy Woodpecker, 14; Blue Jay, 9; Common Crow, 6; Black-capped Chickadee, 55; White-breasted Nuthatch, 29; Brown Creeper, 22; Robin, 2; Golden-crowned Kinglet, 1; Bohemian Waxwing, 8; Starling, 24; House Sparrow, 299; Western Meadowlark, 2; Common Redpoll, 67; Slate-colored Junco, 9. **Total,** 21 species; about 585 individuals. —J. Frank Cassel (compiler), John Challey, James Dogger, Harold G. Heggeness, Frank Melton, Louise Melton, Clemens Nagel, David Noetzel, Howard H. Osborne, O. A. Stevens.

439. Lower Souris National Wildlife Refuge, N. Dak. (all points within a 15-mile diameter circle, center Refuge Headquarters; Dam 326 to Upham, then across marsh on Willow City road to riverbottom between Dam 1 and Willow Creek; marsh 33%, meadow 33%, wooded riverbottom 34%).—Dec. 31; 8:30 a.m. to 5 p.m. Cloudy; temp. 10° to 3°; wind SE, 13-18 m.p.h.; 4-in. snow on level, deeper in woods and marshes. Two observers in 1 party. Total party-hours, 8½ (4 on foot, 4½ by car); total party-miles, 33 (7

on foot, 26 by car). ► Mallard, 2; Ring-necked Pheasant, 46; Gray Partridge, 13; Great Horned Owl, 1; Short-eared Owl, 1; Downy Woodpecker, 1; Black-billed Magpie, 4; Black-capped Chickadee, 5; House Sparrow, 280; Snow Bunting, 115. **Total,** 10 species; about 468 individuals. (Seen in area count period, but not on count day: Snowy Owl, Common Grackle.) —Merrill C. Hammond, Edward J. Smith, Jr. (compiler).

440. Brookings, S. Dak. (all points within a 15-mile diameter circle, center Volga, including Oakwood Lakes and Lake Campbell; river deciduous trees 40%, marshes and lakes 19%, cedar grove 1%, open fields 40%).—Jan. 3; 8 a.m. to 5 p.m. Snow flurries a.m., clearing p.m.; temp. −2° to 10°; wind WNW, 20-26 m.p.h.; 8-in. snow on ground, streams ice-covered. Eight observers in 2-4 parties. Total party-hours, 16 (12 on foot, 4 by car); total party-miles, 107 (19 on foot, 88 by car). ► Marsh Hawk, 1; Ring-necked Pheasant, 221; Great Horned Owl, 7; Yellow-shafted Flicker, 1; Red-bellied Woodpecker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 6; Horned Lark, 241; Blue Jay, 2; Common Crow, 12; Black-capped Chickadee, 48; White-breasted Nuthatch, 8; Red-breasted Nuthatch, 1; Brown Creeper, 1; Starling, 21; House Sparrow, 124; Cardinal, 1; Purple Finch, 29; Common Redpoll, 75; Slate-colored Junco, 4; Tree Sparrow, 4; Lapland Longspur, 61. **Total,** 22 species; about 871 individuals.—David Holden, Mrs. David Holden (compiler), Gerald Myers, Edward Olson, Mr. and Mrs. C. A. Taylor, David Taylor, Sam Zilke (Brookings Nature Club).

441. Huron, S. Dak. (all points within a 15-mile diameter circle, center on Dakota Ave. at 9th St.; riverbottom deciduous trees and brush 4%, cemetery and parks 2%, deciduous tree strips 6%, residential 13%, prairie and cropland 75%).—Dec. 26; 7:45 a.m. to 5:15 p.m. Light rain all day; temp. 46° to 32°; no wind. Eight observers in 2 parties. Total party-hours, 13 (4 on foot, 9 by car); total party-miles, 115 (8 on foot, 107 by car). ► Rough-legged Hawk, 1; Ring-necked Pheasant, 58; Great Horned Owl, 3; Hairy Woodpecker, 2; Downy Woodpecker, 7; Horned Lark, 15; Common Crow, 3; Black-capped Chickadee, 8; White-breasted Nuthatch, 5; Red-breasted Nuthatch, 2; Brown Creeper, 2; Starling, 251; House Sparrow, 300; Common Redpoll, 26; Slate-colored Junco, 2; Oregon Junco, 1; Tree Sparrow, 17; Lapland Longspur, 59. **Total,** 18 species; about 762 individuals.—Blanche Battin, Mr. and Mrs. George Jonkel, J. W. Johnson (compiler), Mary Aberdeen Ketelle, Mrs. H. M. Pierce, Mrs. Grace Wright.

442. Lacreek National Wildlife Refuge, S. Dak. (all points within a 15-mile diameter circle, center at Refuge Headquarters).—Dec. 29; 8 a.m. to 4:30 p.m. Cloudy; temp. 20° to 25°; wind NW, 15-25 m.p.h.; no snow cover, pools frozen, open water in channels. Two observers in 1 party. Total party-hours, 8½ (2 on foot, 6½ by car); total party-miles, 29 (6 on foot, 23 by car). ► Canada Goose, 125 (captives); Mallard, 4250; Common Goldeneye, 9; Rough-legged Hawk, 2; Golden Eagle, 4; Marsh Hawk, 5; Prairie Falcon, 1; Ring-necked Pheasant, 510; Great Horned Owl, 5; Yellow-shafted Flicker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 4; Horned Lark, 8; Black-billed Magpie, 6; Black-capped Chickadee, 1; House Sparrow, 27; Western Meadowlark, 1; Redwinged Blackbird, 12; Tree Sparrow, 15. **Total,** 19 species; about 4988 individuals. (Seen in area count period, but not on count day: Common Merganser, Bald Eagle, Sparrow Hawk, Sharp-tailed Grouse, Common Crow.)—Forrest W. Brooks, Linda Brooks, Charles Hughlett (compiler).

443. Rapid City, S. Dak. (all points within a 15-mile diameter circle, center Dinosaur Park in Rapid City, and including South and Rapid Canyons, bottomlands of Box Elder, Rapid, Lime, and Spring Creeks, surrounding prairies and forests; Ponderosa Pine forests 45%, deciduous stream bottomlands 35%, prairies 15%, ponds and lakes 5%; altitude 3000-4700 ft.).—Dec. 27; 7:30 a.m. to 4:30 p.m. Light snow all day; temp. 23° to 29°; wind NNW, 32-50 m.p.h.; ponds open. Twelve observers in 5 parties. Total party-hours, 38 (20 on foot, 18 by car); total party-miles, 246 (20 on foot, 226 by car). ► Mallard, 269; Gadwall, 4; Am. Widgeon, 4; Common Goldeneye, 17; Hooded Merganser, 2; Common Merganser, 7; Golden Eagle, 3; hawk (sp.), 2; Ring-necked Pheasant, 3; Great Horned Owl, 1; Belted Kingfisher, 2; Lewis' Woodpecker, 7; Hairy Woodpecker, 4; Downy Woodpecker, 4; Blue Jay, 38; Black-billed Magpie, 25; Common Crow, 13; Piñon Jay, 13; Black-capped Chickadee, 44; White-breasted Nuthatch, 3; Brown Creeper, 3; Dipper, 1; Robin, 12; Townsend's Solitaire, 16; Golden-crowned Kinglet, 3; Starling, 115; House Sparrow, 158; Common Redpoll, 300; Pine Siskin, 1; White-winged Junco, 18; Slate-colored Junco, 13; Oregon Junco, 19; Tree Sparrow, 4. **Total,** 32 species; about 1128 individuals. (Seen in area count period, but not on count day: Red-shafted Flicker, Northern Shrike.) —Gertrude Bachmann, Grace Bennett, Lorene Brown, Fannie Halladay, Peg Hurd, Richard Hurd, Mary Hyde, Esther Serr, Mary Whitney, N. R. Whitney (compiler), Clara Yarger, Lenord Yarger.

444. Sand Lake National Wildlife Refuge, S. Dak. (all points within a 15-mile diameter circle, center refuge building site 3; deciduous shelterbelts 35%, farmland 15%, marshes 10%, grassland 10%, lakes and ponds 20%, farm feed lots 5%, towns 5%). —Dec. 31; 8:15 a.m. to 5:15 p.m. Snowing; temp. 25° to 31°; wind SE, 1-7 m.p.h.; 2-3-in. snowfall. Two observers in 1 party. Total party-hours, 9 (3 on foot, 6 by car); total party-miles, 77 (5 on foot, 72 by car). ► Mallard, 85; Black Duck, 10; Rough-legged Hawk, 3; Marsh Hawk, 1; Sparrow Hawk, 1; Ring-necked Pheasant, 450; Great Horned Owl, 1; Long-eared Owl, 1; Yellow-shafted Flicker, 2; Hairy Woodpecker, 1; Downy Woodpecker, 3; Horned Lark, 40; Blue Jay, 2; Common Crow, 1; Black-capped Chickadee, 5; Starling, 45; House Sparrow, 300; Western Meadowlark, 1; Redwinged Blackbird, 60; Common Grackle, 1; Common Redpoll, 45; Tree Sparrow, 2. **Total,** 22 species; about 1060 individuals.—Jerry J. Blackard (compiler), Elmer P. F. Podoll.

445. Sioux Falls, S. Dak. (all points within a 15-mile diameter circle, center at Rice St. and Cliff Ave.).—Dec. 27; 8 a.m. to 5 p.m. Fog, rain and freezing drizzle; temp. 30° to 33°; wind NW, 20-25 m.p.h. Twenty-eight observers in 9 parties. Total party-hours, 81 (21 on foot, 60 by car); total party-miles, 240 (50 on foot, 190 by car). ► Rough-legged Hawk, 1; Marsh Hawk, 1; Ring-necked Pheasant, 52; Mourning Dove, 1; Screech Owl, 1; Great Horned Owl, 15; Short-eared Owl, 7; Yellow-shafted Flicker, 12; Hairy Woodpecker, 13; Downy Woodpecker, 39; Horned Lark, 9; Blue Jay, 16; Common Crow, 346; Black-capped Chickadee, 178; White-breasted Nuthatch, 58; Red-breasted Nuthatch, 1; Brown Creeper, 11; **Brown Thrasher, 1**; Robin, 4; Golden-crowned Kinglet, 4; Starling, 125; House Sparrow, 602; **Red-winged Blackbird, 1**; Common Grackle, 1; Cardinal, 26; Purple Finch, 2; Common Redpoll, 7; Pine Siskin, 7; Am. Goldfinch, 1; Slate-colored Junco, 9; Tree Sparrow, 7; Harris' Sparrow, 10; Song Sparrow, 1; Lapland Longspur, 2. **Total,** 34 species; about 1571 individuals.—Herman Chapman, J. S. Findley, George L. Goebel, Wesley Halbritter, Tom Kilian, George B. Medeck, Charles H. Rogge, Mrs. Melvin Wheeler (co-compiler). Willard N. Rosine (compiler) (Sioux Falls Audubon Society).

446. Yankton, S. Dak. (all points within a 15-mile diameter circle, center same as previous years).—Dec. 30; 8:20 a.m. to 5:20 p.m. Light snow to clear; temp. 6° to 23°; wind NW, 0-5 m.p.h.; 7-in. snow, drifts 2 ft., streams open, lake partly open. Two observers in 1 party. Total party-hours, 9 (5 on foot, 4 by car); total party-miles, 64 (7 on foot, 57 by car). ► Mallard, 2683; **Oldsquaw, 1** (drake seen well); Common Merganser, 16; Red-tailed Hawk, 1; Bald Eagle, 14; Ring-necked Pheasant, 40; Killdeer, 1; **sandpiper (sp.), 1** (Semi or Least); Great Horned Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 2; Hairy Woodpecker, 1; Downy Woodpecker, 7; Common Crow, 1; Black-capped Chickadee, 14; White-breasted Nuthatch, 1; Northern Shrike, 1; Starling, 272; House Sparrow, 226; Brewer's Blackbird, 1; Cardinal, 2; Slate-colored Junco, 11; Tree Sparrow, 5; **Field Sparrow, 2** (carefully identified); White-throated Sparrow, 5; Song Sparrow, 2. **Total,** 26 species; about 3313 individuals. (Seen in area count period, but not on count day: Golden Eagle, Bobwhite, Brown Creeper, Am. Goldfinch.)—Willis Hall (compiler), Mrs. Willis Hall.

447. Beatrice, Nebr. (all points within a 15-mile diameter circle, center 6th St.; only covered city, parks, cemeteries, Homestead National Monument).—Dec. 27; 7:30 a.m. to 5 p.m. Rain, sleet, snow; temp. 33° to 28°; wind NW, 15-40 m.p.h. Seven observers in 2 parties. Total party-hours, 19 (all by car); total party-miles, 30 (all by car). ► Great Horned Owl, 1; Yellow-shafted Flicker, 6; Red-shafted Flicker, 3; Downy Woodpecker, 3; Blue Jay, 8; Common Crow, 5; Black-capped Chickadee, 24; Red-breasted Nuthatch, 1; Brown Creeper, 3; **Mockingbird, 1** (present some time); Golden-crowned Kinglet, 2; Cedar Waxwing, 2; Starling, 12; House Sparrow, 98; Western Meadowlark, 2; Common Grackle, 6; Cardinal, 12; Slate-colored Junco, 17; Chipping Sparrow, 12 [no details—Ed.]. **Total,** 19 species; about 218 individuals. (Seen in area count period, but not on count day: Bobwhite, Ring-necked Pheasant.)—Vera Anderson (compiler), Mr. and Mrs. Paul Baier, Mrs. Mildred Luebben, Mrs. Roxana Peckman, Mrs. Esther Smith, Mary Sturmer (Beatrice Audubon Society).

448. Crete, Nebr. (all points within a 15-mile diameter circle, center same as in 1948 and subsequent years).—Jan. 1; 7:30 a.m. to 4:30 p.m. Overcast, snow; temp. 29° to 33°; wind N to NE, 5-10 m.p.h. Two observers in 1 party. Total party-hours, 9 (4 on foot, 5 by car); total party-miles, 50 (10 on foot, 40 by car). ► Sparrow Hawk, 1; Red-bellied Woodpecker, 1; Downy Woodpecker, 3; Horned Lark, 415 (Northern, 12); Blue Jay, 2; Common Crow, 23; Black-capped Chickadee, 15; Tufted Titmouse, 1; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 2; Brown Creeper, 1; Starling, 317; House Sparrow, 486; Western Meadowlark, 52; Cardinal, 1; Slate-colored Junco, 67; Tree Sparrow, 129; Harris' Sparrow, 21. **Total,** 19 species (1 additional race); about 1538 individuals. (Seen in area count period, but not on count day: Hairy Woodpecker.)—Janet L. C. Rapp, William F. Rapp, Jr. (compiler).

449. Grand Island, Nebr. (all points within a 15-mile diameter circle, center same as last year).—Dec. 23; 8 a.m. to 5 p.m. Clear; temp. 22° to 32°; wind N to SW, 1-5 m.p.h.; ground clear of snow, still water frozen, running water partially open. Four observers in 2 parties. Total party-hours, 12 (6 on foot, 6 by car); total party-miles, 89 (10 on foot, 79 by car). ► Marsh Hawk, 1; Bobwhite, 27; Ring-necked Pheasant, 12; Yellow-shafted Flicker, 7; Red-shafted Flicker, 1; Hairy Woodpecker, 2; Downy Woodpecker, 17; Blue Jay, 1; Common Crow, 25; Black-capped Chickadee, 29; White-breasted Nuthatch, 3; Brown Creeper, 3; Robin, 401; Golden-crowned Kinglet, 2; Starling, 298; House Sparrow, 120; Western Meadowlark, 9; Cardinal, 17; Am. Goldfinch, 10; Slate-colored Junco, 33; Oregon Junco, 1; Tree Sparrow, 179; Harris' Sparrow, 12; Song Sparrow, 2; Snow Bunting, 1. **Total,** 25 species; about 1213 individuals. (Seen in area count period, but not on count day: Belted Kingfisher, Pine Siskin.)—Verneil E. Griffin (compiler), George Houser, Mrs. George Houser, L. A. Peterson.

450. Lincoln, Nebr. (all points within a 15-mile diameter circle, center at 14th and A Streets as last year).—Jan. 3; 8 a.m. to 5:30 p.m. Clear to partly cloudy; temp. 10° to 14°; wind NW, 5-15 m.p.h.; 5-in. snow on ground, streams partially open, ponds and lakes frozen. Thirteen observers in 2 parties. Total party-hours, 17 (9 on foot, 8 by car); total party-miles, 126 (10 on foot, 116 by car). ► Mallard, 8; Sharp-shinned Hawk, 3; Red-tailed Hawk, 3; Sparrow Hawk, 2; Ring-necked Pheasant, 4; Common Snipe, 3; Mourning Dove, 5; Great Horned Owl, 3; Yellow-shafted Flicker, 14; Red-bellied Woodpecker, 6; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 6; Downy Woodpecker, 40; Horned Lark, 234; Blue Jay, 33; Common Crow, 194; Black-capped Chickadee, 85; Tufted Titmouse, 2; White-breasted Nuthatch, 16; Red-breasted Nuthatch, 1; Brown Creeper,

37; Robin, 5; Golden-crowned Kinglet, 37; Cedar Waxwing, 20; Starling, 2500+; House Sparrow, 5000+; meadowlark (sp.), 65; Redwinged Blackbird, 6; **Brown-headed Cowbird, 50** (6 observers); Cardinal, 73; Purple Finch, 6; Pine Siskin, 13; Am. Goldfinch, 72; Rufous-sided Towhee, 2; Slate-colored Junco, 337; Tree Sparrow, 68; Harris' Sparrow, 31; Song Sparrow, 14. **Total,** 38 species; about 7000 individuals. (Seen in area count period, but not on count day: **Snowy Owl,** Brown Thrasher, Townsend's Solitaire, Bohemian Waxwing, Common Grackle, White-crowned Sparrow.)—Oscar Alexis, Mrs. W. A. Fleming, Ralph Harrington, Mr. and Mrs. Foss C. Hush, Mrs. O. E. Jerner, Mr. and Mrs. George W. Keim, Mrs. C. G. Pritchard, C. G. Pritchard (compiler), Mr. and Mrs. Harold Whitmus, Bertha C. Winter (Audubon Naturalists' Club and University Place Bird Club).

451. Scottsbluff, Nebr. (all points within a 15-mile diameter circle, center 1 mile north and 1½ miles east of Scottsbluff, including Riverside Park, Riverview Golf Course, north to Tub Springs, northeast to lake country, south to Badlands, Gering Cemetery; pasture 25%, deciduous growth 35%, hilly terrain 10%, water 25%, conifers 3%, town 2%).—Dec. 30; 7 a.m. to 4:30 p.m. Partly cloudy; temp. 6° to 42°; wind SE, 0-13 m.p.h.; ponds frozen, lakes mostly frozen, streams partly open. Ten observers in 4 parties. Total party-hours, 26 (12 on foot, 14 by car); total party-miles, 106 (9 on foot, 97 by car). ► Canada Goose, **100**; Mallard, 30,028; Pintail, 1; Green-winged Teal, 10; **Canvasback, 2**; Common Goldeneye, 2; Common Merganser, 25; Red-tailed Hawk, 1; Rough-legged Hawk, 1; **Bald Eagle, 7**; Marsh Hawk, 2; Pigeon Hawk, 2; Sparrow Hawk, 5; Bobwhite, 30; Ring-necked Pheasant, 20; Common Snipe, 1; Screech Owl, 1; Great Horned Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 2; Red-shafted Flicker, 34; Hairy Woodpecker, 5; Downy Woodpecker, 6; Horned Lark, 444 (12 Prairie); Blue Jay, 4; Black-billed Magpie, 75; Black-capped Chickadee, 22; Robin, 41; Northern Shrike, 2; Starling, 267; House Sparrow, 795; Western Meadowlark, 55; Redwinged Blackbird, 385; Common Redpoll, 1; Pine Siskin, 160; Am. Goldfinch, 55; Slate-colored Junco, 12; Oregon Junco, 18; Tree Sparrow, 347; **Clay-colored Sparrow, 22** (Mr. and Mrs. S.R.Y.); White-crowned Sparrow, 11; Song Sparrow, 3. **Total,** 42 species (1 additional race); about 33,007 individuals. (Seen in area count period, but not on count day: Golden Eagle, Common Crow, Townsend's Solitaire.)—Lydia Bolz, Mrs. J. W. Brashear, Mrs. Arnold D. Gesterfield, Mrs. M. A. J. Olson, Mrs. Theodore Pickett, Ted Pickett, Mrs. Alvin Vance, Mrs. Roy J. Witschy (compiler), Mrs. S. R. Young, S. R. Young.

452. Wisner–Pilger, Nebr. (all points within a 15-mile diameter circle, center John Lueshen farm).—Jan. 3; 8 a.m. to 4 p.m. Cloudy; temp. −8° to 9°; wind NW, 30-0 m.p.h.; 6-8-in. snow cover. Two observers in 1 party. Total party-hours, 8; total party-miles, 11 (1 on foot, 10 by car). ► Red-tailed Hawk, 1; Marsh Hawk, 1; Greater Prairie Chicken, 20; Bobwhite, 70; Ring-necked Pheasant, 35; Great Horned Owl, 2; Yellow-shafted Flicker, 4; Red-bellied Woodpecker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 15; Horned Lark, 10; Blue Jay, 3; Common Crow, 10; Black-capped Chickadee, 15; Robin, 4; Cedar Waxwing, 6; Northern Shrike, 2; Starling, 2; House Sparrow, 18; Western Meadowlark, 20; Cardinal, 5; Am. Goldfinch, 2; **Rufous-sided Towhee, 1** (banded Dec. 31); Slate-colored Junco, 52; Tree Sparrow, 126; Harris' Sparrow, 6; Song Sparrow, 2. **Total,** 27 species; about 437 individuals.—John Lueshen, Willetta Lueshen (compiler).

453. Baldwin, Kans. (all points within a 15-mile diameter circle, center 2 miles north of junction of Highways 56 and 59; open country 30%, woods 55%, lake shore 10%, town 5%).—Dec. 29; 7:30 a.m. to 5:30 p.m. Cloudy; temp. 32° to 36°; wind NW, 15 m.p.h.; lakes open, ground bare. Nine observers in 3 parties. Total party-hours, 21 (12 on foot, 9 by car); total party-miles, 113 (13 on foot, 100 by car). ► Pied-billed Grebe, 1; Great Blue Heron, 1; Canada Goose, 1; Cooper's Hawk, 1; Red-tailed Hawk, 27; Rough-legged Hawk, 3; Marsh Hawk, 3; Sparrow Hawk, 5; Bobwhite, 22; Mourning Dove, 52; Great Horned Owl, 5; Barred Owl, 1; Long-eared Owl, 8; Yellow-shafted Flicker, 24; Red-shafted Flicker, 1; Red-bellied Woodpecker, 27; Red-headed Woodpecker, 8; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 9; Downy Woodpecker, 32; Horned Lark, 62; Blue Jay, 60; Common Crow, 85; Black-capped Chickadee, 113; Tufted Titmouse, 47; White-breasted Nuthatch, 2; Brown Creeper, 4; Winter Wren, 1; Carolina Wren, 12; Mockingbird, 6; Robin, 56; Eastern Bluebird, 24; Golden-crowned Kinglet, 1; Loggerhead Shrike, 6; Starling, 670; Myrtle Warbler, 4; House Sparrow, 650; Eastern Meadowlark, 2; Western Meadowlark, 4; meadowlark (sp.), 85; Cardinal, 153; Purple Finch, 24; Am. Goldfinch, 29; Slate-colored Junco, 391; Oregon Junco, 4; Tree Sparrow, 226; Field Sparrow, 4; Harris' Sparrow, 54; White-crowned Sparrow, 1; Swamp Sparrow, 1; Song Sparrow, 11. **Total,** 50 species; about 3026 individuals. (Seen in area count period, but not on count day: Screech Owl, Belted Kingfisher.)—Amelia J. Betts (compiler), Barbara Boyd, Ivan L. Boyd, Margaret Boyd, Roger Boyd, Katharine B. Kelley, Mrs. Francis McKaughan, R. F. Miller, Fred Purvis.

454. Halstead–Newton, Kans. (all points within a 15-mile diameter circle, center 3½ miles NE of Halstead; chiefly along Little Arkansas River, Emma Creeks, portion of Sand Creek; wooded streams 38%, hedgerows and farmland 43%, town and cemetery 4%, scrub and pasture 15%).—Dec. 30; 7 a.m. to 5:30 p.m. Cloudy to clear; temp. 28° to 38°; wind SW, 8 m.p.h.; streams open. Eleven observers in 5-6 parties (2 at feeders). Total party-hours, 28 (20 on foot, 8 by car); total party-miles, 195 (22 on foot, 173 by car). ► Cooper's Hawk, 1; Red-tailed Hawk, 24; Rough-legged Hawk, 4; buteo (sp.), 6; Marsh Hawk, 5; Sparrow Hawk, 22; Bobwhite, 9; Ring-necked Pheasant, 25; Great Horned Owl, 16; **Burrowing Owl, 1**; Belted Kingfisher, 5; Yellow-shafted Flicker, 16; Red-shafted Flicker, 7; Red-bellied Woodpecker, 10; Hairy Woodpecker, 14; Downy Woodpecker, 45;

Horned Lark, **1089**; Blue Jay, 10; Common Crow, 786; Black-capped Chickadee, 113; Tufted Titmouse, 12; Red-breasted Nuthatch, 2; Brown Creeper, 4; Winter Wren, 5; Carolina Wren, 1; Robin, 8; Townsend's Solitaire, 1; Golden-crowned Kinglet, 3; Cedar Waxwing, 4; Loggerhead Shrike, 5; Starling, 416; House Sparrow, 804; Eastern Meadowlark, 354; Western Meadowlark, 18; Redwinged Blackbird, 301; Rusty Blackbird, 93; Brewer's Blackbird, 7; Common Grackle, 1; Brown-headed Cowbird, 20; Cardinal, 53; Am. Goldfinch, 24; Slate-colored Junco, 200; Oregon Junco, 4; Tree Sparrow, 1130; Field Sparrow, 1; Harris' Sparrow, **351**; Song Sparrow, 8; Lapland Longspur, 212; **Smith's Longspur, 2 (A.T.). Total,** 48 species; about 6252 individuals.—Joan Challans, Marie Dettweiler, W. Dale Horst, Dwight Platt, Ruth Rose, Alma K. Ruth, Edna L. Ruth (compiler), Art Toevs.

455. Hays, Kans. (all points within a 15-mile diameter circle, center Wann-Madden Lake, includes Fort Hays Campus on northeast, Cedar Bluffs Reservoir on southwest).—Dec. 28; 7:30 a.m. to 5 p.m.; temp. 34° to 42°; wind N, 25-40 m.p.h.; some snow on ground. Nine observers in 2 parties. Total party-hours, 20; total party-miles, 405. ► Mallard, 250; Red-breasted Merganser, 200 [no details—Ed.]; Rough-legged Hawk, 4; Golden Eagle, 3; Bald Eagle, 2; Marsh Hawk, 10; Prairie Falcon, 1; Sparrow Hawk, 4; Ring-necked Pheasant, 20; Am. Coot, 6; Herring Gull, 5; Great Horned Owl, 5; Barred Owl, 1; Short-eared Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 10; Hairy Woodpecker, 4; Downy Woodpecker, 5; Horned Lark, 10; Black-billed Magpie, 3; Common Crow, 50; Black-capped Chickadee, 30; Red-breasted Nuthatch, 5; Brown Creeper, 3; Brown Thrasher, 1; Robin, 5; Townsend's Solitaire, 3; Golden-crowned Kinglet, 5; Ruby-crowned Kinglet, 3; Cedar Waxwing, 5; Loggerhead Shrike, 2; Starling, 200; House Sparrow, 100; Western Meadowlark, 50; Redwinged Blackbird, 12; Cardinal, 10; Pine Siskin, 5; Red Crossbill, 2; Oregon Junco, 25; Tree Sparrow, 30; Field Sparrow, 2; Harris' Sparrow, 10; White-crowned Sparrow, 5; Lapland Longspur, 100. **Total,** 44 species; about 1208 individuals.—Fritz Felten, Merrill Frydendall, Herbert Hischke, Mrs. Richard Mermis, Stanley Schlegel, Ward Sims, M. V. Walker (compiler), Paul Ward, L. D. Wooster.

456. Kirwin National Wildlife Management Area, Kans. (all points within a 15-mile diameter circle; 10,864 acres, includes 5000 surface acres of water, 5864 acres of crop and grasslands).—Dec. 31; 7:55 a.m. to 5:20 p.m. Partly cloudy to overcast, trace of rain; temp. 36° to 25°; wind SE, 15-25 m.p.h. One observer. Total hours, 9½; total miles, 50 (all by car). ► Canada Goose, 910; Mallard, 5515; Pintail, 28; Green-winged Teal, 6; Am. Widgeon, 68; Hooded Merganser, 3; Common Merganser, **6846**; Red-tailed Hawk, 2; Rough-legged Hawk, 3; Golden Eagle, 3; Bald Eagle, 1; Marsh Hawk, 3; Greater Prairie Chicken, 2; Bobwhite, 6; Ring-necked Pheasant, 29; Herring Gull, 17; Ring-billed Gull, 21; Great Horned Owl, 4; Yellow-shafted Flicker, 3; Horned Lark, 65; Black-billed Magpie, 11; Black-capped Chickadee, 7; Starling, 50; House Sparrow, 18; Western Meadowlark, 55; Redwinged Blackbird, 42; Cardinal, 4; Slate-colored Junco, 25; Oregon Junco, 7; Tree Sparrow, 127; Chipping Sparrow, 13; Field Sparrow, 2; Harris' Sparrow, 27; White-crowned Sparrow, 12; Lapland Longspur, 10. **Total,** 35 species; about 13,945 individuals. (Seen in area count period, but not on count day: Sparrow Hawk, Common Crow.)—Robert L. Means.

457. Linn County, Kans. (all points within a 15-mile diameter circle, center 3 miles NE of Mound City as in previous years; timbered streams and lakes 70%, fields and brushy roadsides 30%).—Dec. 27; 6:30 a.m. to 4 p.m. Cloudy with rain; temp. 50° to 33°; wind S to NW, gusty; all water open. Nine observers in 4 parties. Total party-hours, 26 (11 on foot, 15 by car); total party-miles, 160 (15 on foot, 145 by car). ► Mallard, 2655; Pintail, 2; Cooper's Hawk, 3; Red-tailed Hawk, 49; Red-shouldered Hawk, 3; Rough-legged Hawk, 1; Marsh Hawk, 15; Sparrow Hawk, 8; Bobwhite, 29; Mourning Dove, 112; Great Horned Owl, 7; Barred Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 34; Red-shafted Flicker, 1; Pileated Woodpecker, 1; Red-bellied Woodpecker, 28; Red-headed Woodpecker, 35; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 9; Downy Woodpecker, 17; Horned Lark, 57; Blue Jay, 65; Common Crow, 107; Black-capped Chickadee, 93; Tufted Titmouse, 52; White-breasted Nuthatch, 11; Brown Creeper, 1; Carolina Wren, 16; Mockingbird, 10; Robin, **878**; Eastern Bluebird, 26; Golden-crowned Kinglet, 4; Cedar Waxwing, 11; Loggerhead Shrike, 16; Starling, 217; House Sparrow, 177; Eastern Meadowlark, 77; Western Meadowlark, 3; Redwinged Blackbird, 671; Rusty Blackbird, 19; Cardinal, 184; Purple Finch, 5; Am. Goldfinch, 89; Rufous-sided Towhee, 1; Slate-colored Junco, 496; Oregon Junco, 2; Tree Sparrow, 342; Field Sparrow, 8; Harris' Sparrow, 53; White-crowned Sparrow, 35; White-throated Sparrow, 2; Song Sparrow, 53. **Total,** 52 species; about 6794 individuals. (Seen in area count period, but not on count day: Sharp-shinned Hawk, Greater Prairie Chicken, Screech Owl.)—John S. Carr, Eunice B. Dingus (compiler), Wilson J. Dingus, Marshall J. Fauhl, Ruth B. Fauhl, John H. Morse, Mary Morse, Ivan D. Sutton, Frank Wood (Linn County Audubon Society).

458. Manhattan, Kans. (all points within a 15-mile diameter circle, center at Kansas State University Campus; open grassland 25%, cultivated fields 10%, brushland 25%, woods 15%, lake and river 25%).—Jan. 2; 6:30 a.m. to 5 p.m. Clear to cloudy; temp. 20° to 30°; wind NW, 10 m.p.h.; no snow on ground, water open. Five observers in 2 parties. Total party-hours, 21 (12 on foot, 9 by car); total party-miles, 55 (8 on foot, 47 by car). ► Canada Goose, 3; Mallard, 45; Cooper's Hawk, 3; Red-tailed Hawk, 9; Rough-legged Hawk, 3; Marsh Hawk, 5; Sparrow Hawk, 7; Greater Prairie Chicken, **40**; Bobwhite, 63; Belted Kingfisher, 1; Yellow-shafted Flicker, 20; Red-bellied Woodpecker, 14; Red-headed Woodpecker, 4; Hairy Woodpecker, 4; Downy Woodpecker, 14; Horned Lark, **90**; Blue Jay, 21; Common Crow, **108**; Black-

capped Chickadee, 92; Tufted Titmouse, 15; White-breasted Nuthatch, 1; Brown Creeper, 1; Carolina Wren, 2; Robin, 46; Eastern Bluebird, 24; Cedar Waxwing, 5; Loggerhead Shrike, 2; Starling, 165; House Sparrow, 225; Western Meadowlark, 80; Red-winged Blackbird, 7; Cardinal, 40; Am. Goldfinch, 20; Rufous-sided Towhee, 2; Slate-colored Junco, 60; Tree Sparrow, 520; Field Sparrow, 5; Harris' Sparrow, 80; Song Sparrow, 4. **Total,** 39 species; about 1850 individuals. (Seen in area count period, but not on count day: Barred Owl.)—E. K. Beals, Donald Gier, H. T. Gier, E. R. Lewis (compiler), Philip Marvin.

459. Olathe, Kans. (all points within a 15-mile diameter circle, center at Gardner Lake, including old and new Olathe Lakes; open grassland and cultivated fields 15%, wooded creeks and brushland 80%, lake shores 5%).—Jan. 1; 7:30 a.m. to 5 p.m. Cloudy; temp. 32° to 41°; wind SE, 20 m.p.h.; creeks and lakes sparsely frozen. Eight observers in 2 parties. Total party-hours, 15½ (8 on foot, 7½ by car); total party-miles, 119 (8 on foot, 111 by car). ► Cooper's Hawk, 1; Red-tailed Hawk, 37; Harlan's Hawk, 1; Rough-legged Hawk, 2; Marsh Hawk, 3; Sparrow Hawk, 8; Bobwhite, 20; Killdeer, 1; Common Snipe, 3; Mourning Dove, 68; Great Horned Owl, 3; Belted Kingfisher, 3; Yellow-shafted Flicker, 9; Red-bellied Woodpecker, 13; Hairy Woodpecker, 4; Downy Woodpecker, 44; Horned Lark, 120; Blue Jay, 22; Common Crow, 106; Black-capped Chickadee, 63; Tufted Titmouse, 18; Brown Creeper, 2; Winter Wren, 1; Carolina Wren, 7; Mockingbird, 2; Robin, 49; Eastern Bluebird, 1; Loggerhead Shrike, 2; Starling, 1490; Myrtle Warbler, 1; House Sparrow, 415; meadowlark (sp.), 42; Rusty Blackbird, 85; Cardinal, 163; Am. Goldfinch, 68; Savannah Sparrow, 1; Vesper Sparrow, 1; Slate-colored Junco, 481; Oregon Junco, 1; Tree Sparrow, 826; Field Sparrow, 1; Harris' Sparrow, 54; Song Sparrow, 18. **Total,** 43 species; about 4260 individuals.—Amelia Betts, Ivan L. Boyd (compiler), Margaret F. Boyd, Katherine Kelley, Marno McKaughan, Ray F. Miller, Freddy Purvis, Ray Wackly.

460. Pittsburg, Kans. (all points within a 15-mile diameter circle, center 7 miles south of Pittsburg; open grassland 15%, cultivated fields 35%, woods 45%, urban 5%).—Dec. 23; 7 a.m. to 5 p.m. Overcast, light showers a.m.; temp. 42° to 37°; wind NE, 5-15 m.p.h. Three observers in 3 parties. Total party-hours, 23 (21 on foot, 2 by car); total party-miles, 45 (10 on foot, 35 by car). ► Red-tailed Hawk, 5; Red-shouldered Hawk, 2; Marsh Hawk, 7; Sparrow Hawk, 1; Great Horned Owl, 3; Barred Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 17; Red-bellied Woodpecker, 13; Red-headed Woodpecker, 55; Yellow-bellied Sapsucker, 1; Downy Woodpecker, 17; Blue Jay, 46; Common Crow, 34; Carolina Chickadee, 26; Tufted Titmouse, 14; White-breasted Nuthatch, 1; Brown Creeper, 1; Carolina Wren, 19; Mockingbird, 5; Robin, 23; Eastern Bluebird, 13; Loggerhead Shrike, 1; Starling, 21; House Sparrow, 29; Eastern Meadowlark, 21; Redwinged Blackbird, 168; Rusty Blackbird, 20; Common Grackle, 26; Cardinal, 68; Am. Goldfinch, 69; Slate-colored Junco, 282; Oregon Junco, 2; Tree Sparrow, 1; Field Sparrow, 1; Harris' Sparrow, 46; White-throated Sparrow, 7; Fox Sparrow, 1; Song Sparrow, 14. **Total,** 39 species; about 1083 individuals. (Seen in area count period, but not on count day: Horned Lark, Cedar Waxwing.)—Gladys C. Galligar, John C. Johnson, Jr., Theodore M. Sperry (compiler).

461. Quivira National Wildlife Refuge, Kans. (all points within a 15-mile diameter circle, center Refuge Headquarters).—Dec. 29; 7 a.m. to 6 p.m. Overcast a.m., clear mid-morning, partly cloudy p.m.; temp. 29° to 35°; wind NNW, 10-25 m.p.h.; scattered patches of snow. Two observers in 1 party. Total party-hours, 11 (1 on foot, 10 by car); total party-miles, 135 (3 on foot, 132 by car). ► Canada Goose, 36; Mallard, 13,100; Common Merganser, 1000; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 5; Rough-legged Hawk, 7; Golden Eagle, 1; Bald Eagle, 9; Marsh Hawk, 49; Prairie Falcon, 6; Sparrow Hawk, 9; Bobwhite, 32; Ring-necked Pheasant, 35; Common Snipe, 1; Ring-billed Gull, 70; Mourning Dove, 50; Roadrunner, 1; Great Horned Owl, 5; Short-eared Owl, 14; Belted Kingfisher, 1; Yellow-shafted Flicker, 9; Common Crow, 500; Black-capped Chickadee, 1; Robin, 1; Loggerhead Shrike, 3; Starling, 20; House Sparrow, 15; Eastern Meadowlark, 300; Western Meadowlark, 100; Redwinged Blackbird, 1575; Tree Sparrow, 2100; Harris' Sparrow, 1; Song Sparrow, 33; Chestnut-collared Longspur, 500. **Total,** 35 species; about 20,011 individuals.—Wayne E. Dale, Joshua J. Harman (compiler).

462. Topeka, Kans. (all points within a 15-mile diameter circle, center The State House as in past years).—Jan. 2; 7:30 a.m. to 4 p.m. Clear to cloudy; temp. 24° to 30°; wind W, 5-10 m.p.h. Sixteen observers in 6 parties. Total party-hours, 50 (8 on foot, 42 by car); total party-miles, 538 (10 on foot, 528 by car). ► Horned Grebe, 2; Great Blue Heron, 2; Canada Goose, 4 (Richardson's); Mallard, 400; Hooded Merganser, 5; Common Merganser, 100; Cooper's Hawk, 1; Red-tailed Hawk, 9; Rough-legged Hawk, 3; Marsh Hawk, 5; Sparrow Hawk, 11; Greater Prairie Chicken, 4; Bobwhite, 12; Am. Coot, 1; Mourning Dove, 3; Screech Owl, 1; Great Horned Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 12; Red-bellied Woodpecker, 7; Red-headed Woodpecker, 10; Hairy Woodpecker, 6; Downy Woodpecker, 15; Horned Lark, 300 (75 Northern); Blue Jay, 20; Common Crow, 45; Black-capped Chickadee, 19; Tufted Titmouse, 14; Brown Creeper, 5; Carolina Wren, 4; Mockingbird, 3; Robin, 6; Eastern Bluebird, 7; Golden-crowned Kinglet, 2; Northern Shrike, 1 (carefully identified); Loggerhead Shrike, 4; Starling, 500; House Sparrow, 350; Eastern Meadowlark, 20; Western Meadowlark, 15; Common Grackle, 3; Brown-headed Cowbird, 3; Cardinal, 17; Purple Finch, 4; Am. Goldfinch, 33; Rufous-sided Towhee, 3; Slate-colored Junco, 157; Oregon Junco, 3; Tree Sparrow, 70; Field Sparrow, 1; Harris' Sparrow, 23; White-crowned Sparrow, 1; Song Sparrow, 3. **Total,** 53 species (1 additional race); about 2252 individ-

uals.—John Pat Atkinson, L. B. Carson (compiler), Elizabeth Fisher, Roberta Foote, Dorothy Harvey, Mr. and Mrs. R. H. Kingman, Marvin Kuehn, Richel Lundgren, Florence McKinney, T. W. Nelson, Mrs. Paul Newbolt, Orville O. Rice, Emma Thompson, Joyce Thompson, Mrs. L. G. Thorpe.

463. Wichita, Kans. (all points within a 15-mile diameter circle, center confluence of Arkansas and Little Arkansas Rivers; open fields 30%, brushland 10%, creeks, rivers and ponds 50%, woodland 10%). —Jan. 2; 7:30 a.m. to 5:30 p.m. Cloudy, clearing by sundown; temp. 24° to 31°; wind NW, 8 m.p.h. Fourteen observers in 2 parties. Total party-hours, 19 (10 on foot, 9 by car); total party-miles, 98 (13 on foot, 85 by car). ► Mallard, 14; Pintail, 3; Red-tailed Hawk, 1; Rough-legged Hawk, 1; Marsh Hawk, 1; Peregrine Falcon, 1; Sparrow Hawk, 4; Ring-necked Pheasant, 1; Common Snipe, 1; Mourning Dove, 30; Great Horned Owl, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 24; Red-shafted Flicker, 8; Red-bellied Woodpecker, 6; Hairy Woodpecker, 8; Downy Woodpecker, 11; Blue Jay, 9; Common Crow, 136; Black-capped Chickadee, 33; Tufted Titmouse, 5; Brown Creeper, 5; Winter Wren, 1; Carolina Wren, 4; Mockingbird, 3; Brown Thrasher, 1; Robin, 2; Eastern Bluebird, 1; **Townsend's Solitaire, 1**; Golden-crowned Kinglet, 1; Ruby-crowned Kinglet, 1; Loggerhead Shrike, 5; Starling, 1025; House Sparrow, 540; Eastern Meadowlark, 119; Brown-headed Cowbird, 1; Cardinal, 23; Am. Goldfinch, 38; Rufous-sided Towhee, 2; Vesper Sparrow, 1; Slate-colored Junco, 89; Oregon Junco, 2; Tree Sparrow, 92; Harris' Sparrow, 32; Swamp Sparrow, 2; Song Sparrow, 3. **Total,** 46 species; 2295 individuals. (Seen in area count period, but not on count day: Sharp-shinned Hawk, Horned Lark, Northern Shrike.)—J. Walker Butin, Leona Duncan, Eunice Goode, Margaret Hayes, A. L. Hickman, Carl S. Holmes, Daniel S. Kilby, Geneva Kingkade, Mrs. Charles Rombold, Mrs. O. J. Selfridge, O. J. Selfridge (compiler), Jennibelle Watson, Louise Watson, Ralph Wiley (Wichita Audubon Society).

464. Bartlesville, Okla. (all points within a 15-mile diameter circle, center entrance to Osage Hills State Park 11 miles west of Bartlesville; oak and rocky hills 50%, creekbottoms 30%, open prairie 20%).—Jan. 2; 8 a.m. to 5 p.m. Cloudy to clear; temp. 33° to 39°; wind NNE, 10-15 m.p.h.; water open. Twelve observers in 3 parties. Total party-hours, 25 (19 on foot, 6 by car); total party-miles, 42 (11 on foot, 31 by car). ► Turkey Vulture, 1; Goshawk, 2 [no details, not underlined as unusual—Ed.]; Cooper's Hawk, 1; Red-tailed Hawk, 4; **Swainson's Hawk, 1**; Marsh Hawk, 9; Sparrow Hawk, 3; Bobwhite, 70; Belted Kingfisher, 1; Yellow-shafted Flicker, 18; Red-shafted Flicker, 1; Pileated Woodpecker, 8; Red-bellied Woodpecker, 18; Red-headed Woodpecker, 23; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 5; Downy Woodpecker, 8; Blue Jay, 30; Common Crow, 39; Black-capped Chickadee, 2; Carolina Chickadee, 33; Tufted Titmouse, 63; White-breasted Nuthatch, 17; Carolina Wren, 5; Eastern Bluebird, 32; Loggerhead Shrike, 2; Starling, 15; House Sparrow, 10; Eastern Meadowlark, 6; Red-winged Blackbird, 12; Cardinal, 33; Purple Finch, 13; Am. Goldfinch, 49; Slate-colored Junco, 116; Field Sparrow, 3. **Total,** 35 species; about 656 individuals. (Seen in area count period, but not on count day: Turkey, Mockingbird, Robin, Cedar Waxwing.)—Mrs. Clark D. Chapman, Ronald Darrah, Elizabeth Hicks, Mr. and Mrs. Rex Hunter, Mr. and Mrs. M. P. Matuszak, Mrs. Leo McReynolds, Mrs. Albert M. Mery (compiler), Mrs. John F. Messerly, Mrs. Clarence F. Reinhardt, Mrs. J. G. Williams (Bartlesville Bird Club).

465. Cleora, Okla. (all points within a 15-mile diameter circle, center Cleora as in 1955, including coves of Grand Lake; farm ponds, cultivated fields and pastures 50%, deciduous woodland 50%).—Dec. 30; 7:30 a.m. to 5 p.m. Sunny to overcast; temp. 29° to 40°; wind S to SE, 5 m.p.h.; thin ice in road ruts. Two observers in 1 party. Total party-hours, 9½ (4 on foot, 5½ by car); total party-miles, 27 (4 on foot, 23 by car). ► Great Blue Heron, 12; Mallard, 50; Sharp-shinned Hawk, 4; Red-tailed Hawk, 18; Red-shouldered Hawk, 2; Marsh Hawk, 8; Sparrow Hawk, 2; hawk (sp.), 2; Bobwhite, 5; Am. Coot, 1; Herring Gull, 18; Mourning Dove, 2; Screech Owl, 1; Great Horned Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 24; Red-bellied Woodpecker, 6; Red-headed Woodpecker, 32; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 1; Downy Woodpecker, 5; Blue Jay, 9; Common Crow, 47; Carolina Chickadee, 33; Tufted Titmouse, 47; White-breasted Nuthatch, 9; Brown Creeper, 1; Bewick's Wren, 2; Mockingbird, 2; Robin, 11; Eastern Bluebird, 8; Loggerhead Shrike, 8; Starling, 17; House Sparrow, 31; Eastern Meadowlark, 81; Western Meadowlark, 5; Rusty Blackbird, 131; Cardinal, 31; Purple Finch, 2; Am. Goldfinch, 11; Slate-colored Junco, 30; Tree Sparrow, 6; Field Sparrow, 6; Harris' Sparrow, 2; White-crowned Sparrow, 8; White-throated Sparrow, 4; Fox Sparrow, 1; Song Sparrow, 2. **Total,** 47 species; about 742 individuals. —David O. Kassing, Edith Force Kassing (compiler).

466. Fort Gibson Reservoir, Okla. (all points within a 15-mile diameter circle, center at Okay, including Honor Heights Park and Arkansas River on south, Sequoyah State Park on north; lake and river 30%, deciduous woodland 30%, open prairie 20%, agricultural 15%, park and residential 5%).—Jan. 1; 6 a.m. to 6:30 p.m. Overcast; temp. 37° to 44°; wind SW, 5-20 m.p.h. Eight observers in 4 parties. Total party-hours, 36 (21 on foot, 13 by car, 2 by boat); total party-miles, 173 (18 on foot, 145 by car, 10 by boat). ► Horned Grebe, 6; **Eared Grebe, 1**; **Western Grebe, 1** (carefully identified—J.E.R.); Pied-billed Grebe, 1; Double-crested Cormorant, 5; Great Blue Heron, 32; Canada Goose, 1; Mallard, 3000; Green-winged Teal, 1; Am. Widgeon, 11; Common Goldeneye, 16; Common Merganser, 175; Cooper's Hawk, 2; Red-tailed Hawk, 27 (1 Krider's); Bald Eagle, 8; Marsh Hawk, 34; Sparrow Hawk, 14; Greater Prairie Chicken, 46; Bobwhite, 40; Am. Coot, 3; Killdeer, 3; Common Snipe, 6; Ring-billed Gull, 560; Mourning Dove, 15; Roadrunner, 2; Great Horned Owl, 2; Short-eared Owl, 18; Belted Kingfisher, 9; Yellow-

shafted Flicker, 73; Pileated Woodpecker, 2; Red-bellied Woodpecker, 20; Red-headed Woodpecker, 75; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 6; Downy Woodpecker, 26; Horned Lark, 305; Blue Jay, 113; Common Crow, 170; Carolina Chickadee, 51; Tufted Titmouse, 30; White-breasted Nuthatch, 2; Brown Creeper, 2; Winter Wren, 2; Bewick's Wren, 1; Carolina Wren, 27; **Rock Wren, 1** (J.L.N.); Mockingbird, 20; Robin, 304; Eastern Bluebird, 136; Cedar Waxwing, 8; Loggerhead Shrike, 31; Starling, 258; House Sparrow, 300; Eastern Meadowlark, 440; Redwinged Blackbird, 760; Brown-headed Cowbird, 35; Cardinal, 145; Purple Finch, 15; Am. Goldfinch, 214; Savannah Sparrow, 9; Slate-colored Junco, 580; Oregon Junco, 1; Tree Sparrow, 20; Field Sparrow, 37; Harris' Sparrow, 63; White-throated Sparrow, 40; Fox Sparrow, 6; Lincoln's Sparrow, 2; Swamp Sparrow, 5; Song Sparrow, 41; Lapland Longspur, 300. **Total,** 71 species (1 additional race); about 8718 individuals.—Steve Ball, Forrest Bebb, Patten Fite, James L. Norman (compiler), Jerrel Parent, Eddie Powell, Jack E. Randall, Vaud A. Travis.

467. **Norman, Okla.** (all points within a 15-mile diameter circle, center 5 miles east of junction of Highways 77 and 77H; scrub oak woodland 20%, elm-cottonwood-pecan woodland 25%, evergreens 10%, cultivated fields 10%, pasture and grasslands 20%, river floodplain 10%, ponds and small lakes 5%).—Jan. 2; 7:30 a.m. to 6:30 p.m. Cloudy a.m., clear p.m.; temp. 31° to 39°; wind N to NW, 5-15 m.p.h.; water open. Eleven observers in 3-5 parties. Total party-hours, 28 (16 on foot, 12 by car); total party-miles, 186 (15 on foot, 171 by car). ► Great Blue Heron, 1; Green-winged Teal, 1; Lesser Scaup, 1; Cooper's Hawk, 2; Red-tailed Hawk, 22; Marsh Hawk, 9; Sparrow Hawk, 16; Bobwhite, 33; Killdeer, 4; Common Snipe, 14; Ring-billed Gull, 1; Mourning Dove, 19; Roadrunner, 1; Great Horned Owl, 7; Barred Owl, 2; Short-eared Owl, 3; Belted Kingfisher, 4; Yellow-shafted Flicker, 40; Red-shafted Flicker, 8; flicker (sp.), 13; Pileated Woodpecker, 4; Red-bellied Woodpecker, 36; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 17; Downy Woodpecker, 29; Horned Lark, 101; Blue Jay, 197; Common Crow, 287; Carolina Chickadee, 87; Tufted Titmouse, 57; White-breasted Nuthatch, 9; Brown Creeper, 2; Bewick's Wren, **4** (low); Carolina Wren, 39; Mockingbird, 14; Brown Thrasher, 2; Robin, 137; Eastern Bluebird, 131; Mountain Bluebird, 8; Townsend's Solitaire, 2; Golden-crowned Kinglet, 11; Ruby-crowned Kinglet, 2; Cedar Waxwing, 42; Loggerhead Shrike, 9; Starling, 500; Myrtle Warbler, 39; **Audubon's Warbler, 3** (D.B., C.E.); House Sparrow, 102; Eastern Meadowlark, 8; Western Meadowlark, 1; meadowlark (sp.), 335; Red-winged Blackbird, 245; Rusty Blackbird, 31; Cardinal, 180; Purple Finch, 12; Am. Goldfinch, 330; Rufous-sided Towhee, 31 (2 races); Savannah Sparrow, 4; Slate-colored Junco, 390; Oregon Junco, 30 (2 races); Tree Sparrow, 62; Field Sparrow, **114**; Harris' Sparrow, **110** (low); White-crowned Sparrow, 13; White-throated Sparrow, 4; Fox Sparrow, 13; Song Sparrow, 26; Smith's Longspur, 18. **Total,** 67 species (2 additional races); about 4032 individuals.—Donald Baepler, Hazel Cooksey, Marvin Davis (compiler), Sandra Davis, Charles Ely, Robert Frank, Grace Ray, Lovie Whitaker.

468. **Oklahoma City, Okla.** (all points within a 15-mile diameter circle, center at Northwest Highway and May Avenue).—Dec. 26; 7:30 a.m. to 5:30 p.m. Cloudy, scattered rain; temp. 45° to 55°; wind 5-25 m.p.h. Ten observers in 3 parties. Total party-hours, 28; total party-miles, 45 (7 on foot, 38 by car). ► Great Blue Heron, 6; Mallard, 4000; Gadwall, 52; Pintail, 400; Green-winged Teal, 250; Am. Widgeon, 20; Shoveler, 100; Redhead, 4; Ring-necked Duck, 29; Canvasback, 89; Lesser Scaup, 17; Common Goldeneye, 4; Bufflehead, 13; **Surf Scoter, 1** [no details—Ed.]; Common Merganser, 45; Sharp-shinned Hawk, 2; Cooper's Hawk, 2; Red-tailed Hawk, 5; Marsh Hawk, 3; Sparrow Hawk, 3; Bobwhite, 55; Common Snipe, 1; Herring Gull, 2; Ring-billed Gull, 251; Mourning Dove, 2; Great Horned Owl, 1; Burrowing Owl, 3; Short-eared Owl, 5; Belted Kingfisher, 3; Yellow-shafted Flicker, 15; Red-shafted Flicker, 3; Red-bellied Woodpecker, 4; Red-headed Woodpecker, 9; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 3; Downy Woodpecker, 11; Horned Lark, 50 (6 Northern); Blue Jay, 12; Common Crow, 35; Carolina Chickadee, 30; Tufted Titmouse, 20; Bewick's Wren, 1; Carolina Wren, 4; Mockingbird, 10; Brown Thrasher, 1; Robin, 67; Eastern Bluebird, 8; Ruby-crowned Kinglet, 2; Cedar Waxwing, 73; Loggerhead Shrike, 3; Starling, 53; Myrtle Warbler, 4; House Sparrow, 137; Eastern Meadowlark, 156; Western Meadowlark, 5; Redwinged Blackbird, 20; Cardinal, 26; Purple Finch, 3; Am. Goldfinch, 97; Rufous-sided Towhee, 10; Savannah Sparrow, 1; Slate-colored Junco, 58; Tree Sparrow, 101; Field Sparrow, 5; Harris' Sparrow, 3; White-throated Sparrow, 1; Song Sparrow, 11; Lapland Longspur, 2; Smith's Longspur, 35; Chestnut-collared Longspur, 5. **Total,** 70 species (1 additional race); about 6464 individuals.—Bill Carter, Mr. and Mrs. Walter Doane, Mrs. J. E. Martin, J. E. Martin (compiler), John Newell, John Shackford, V. J. Vacin, Ruth Van Meter, Bernard Williams (Oklahoma City Audubon Society).

469. **Salt Plains National Wildlife Refuge, Okla.** (all points within a 15-mile diameter circle, center Headquarters; dam spillway and Salt Fort River, east side of lake and north to State Fish Hatchery, east to Little Bird Lane, south side to Lindsley Place, west side to include west of Sand Creek; lake 50%, agricultural 20%, deciduous woodland 20%, grassland 10%).—Dec. 26; 6:30 a.m. to 5 p.m. Overcast; temp. 34° to 48°; wind S to SW, 10-25 m.p.h.; waters open, lake too choppy for airboat. Nine observers in 4 parties. Total party-hours, 28 (16 on foot, 12 by car); total party-miles, 72 (8 on foot, 64 by car). ► Pied-billed Grebe, 4; Great Blue Heron, 62; Canada Goose, 5600; Snow Goose, 2; Mallard, 4850; Black Duck, 1; Gadwall, 250; Pintail, 870; Green-winged Teal, 775; Am. Widgeon, 535; Shoveler, 220; Redhead, 8; Lesser Scaup, 47; Common Goldeneye, 23; Bufflehead, 112; Ruddy Duck, 23; Hooded Merganser, 18; Common Merganser, 85; Red-tailed Hawk, 3; Harlan's Hawk,

1; Golden Eagle, 4; Bald Eagle, 6; Marsh Hawk, 13; Sparrow Hawk, 2; Bobwhite, 82; Ring-necked Pheasant, 8; Turkey, 43; Am. Coot, 54; Killdeer, 27; Common Snipe, 2; Herring Gull, 587; Ring-billed Gull, 1320; Mourning Dove, 6; Great Horned Owl, 2; Belted Kingfisher, 2; Yellow-shafted Flicker, 32; Red-shafted Flicker, 6; Red-bellied Woodpecker, 52; Hairy Woodpecker, 5; Downy Woodpecker, 16; Common Crow, 108; Carolina Chickadee, 43; Tufted Titmouse, 10; Brown Creeper, 2; Bewick's Wren, 9; Carolina Wren, 11; Robin, 9; Eastern Bluebird, 22; Golden-crowned Kinglet, 4; Cedar Waxwing, 1; Loggerhead Shrike, 5; Starling, 87; House Sparrow, 21; Eastern and Western Meadowlark, 39; Redwinged Blackbird, 210; Brewer's Blackbird, 200; Cardinal, 112; Am. Goldfinch, 32; Rufous-sided Towhee, 33; Savannah Sparrow, 15; Slate-colored Junco, 48; Oregon Junco, 1; Tree Sparrow, 156; Field Sparrow, 4; Harris' Sparrow, 500; White-crowned Sparrow, 2; White-throated Sparrow, 2; Lincoln's Sparrow, 6; Song Sparrow, 43. **Total,** 69 species; about 17,493 individuals. (Seen in area count period, but not on count day: Canvasback, Ring-necked Duck, Rough-legged Hawk.)—Ann Byfield, Lyle Byfield, Addie Fromholz, Florel Helema, Richard J. Hitch, Letitia Johnston, Mrs. Bruce Reynolds, Bess Smith, Charles L. Ward (compiler).

470. Spavinaw, Okla. (all points within a 15-mile diameter circle, center at Tulsa Ozark Club, including Upper and Lower Spavinaw Lakes, Grand River Dam; lake 15%, deciduous woodland 70%, agricultural 12%, hatchery ponds 3%).—Jan. 3; 6 a.m. to 5 p.m. Clear; temp. 20° to 46°; wind SW, 0-5 m.p.h.; shallow ponds and sloughs frozen. Three observers in 1 party. Total party-hours, 11 (8 on foot, 3 by car); total party-miles, 71 (6 on foot, 65 by car). ► Pied-billed Grebe, 5; Great Blue Heron, 8; Mallard, 55; Gadwall, 26; Common Goldeneye, 8; Common Merganser, 100; Sharp-shinned Hawk, 1; Red-tailed Hawk, 6; Red-shouldered Hawk, 1; Bald Eagle, 8; Marsh Hawk, 1; Sparrow Hawk, 3; Am. Coot, 50; Killdeer, 8; Common Snipe, 15; Ring-billed Gull, 75; Great Horned Owl, 3; Belted Kingfisher, 3; Yellow-shafted Flicker, 22; Pileated Woodpecker, 2; Red-bellied Woodpecker, 12; Red-headed Woodpecker, 50; Yellow-bellied Sapsucker, 10; Hairy Woodpecker, 2; Downy Woodpecker, 15; Blue Jay, 38; Common Crow, 40; Carolina Chickadee, 50; Tufted Titmouse, 30; White-breasted Nuthatch, 12; Brown Creeper, 4; Winter Wren, 2; Carolina Wren, 16; Mockingbird, 3; Robin, 3; Eastern Bluebird, 46; Golden-crowned Kinglet, 6; Loggerhead Shrike, 5; Starling, 22; Myrtle Warbler, 8; House Sparrow, 32; Eastern Meadowlark, 17; Redwinged Blackbird, 40; Cardinal, 80; Purple Finch, 16; Am. Goldfinch, 300; Slate-colored Junco, 200; Tree Sparrow, 4; Field Sparrow, 2; White-throated Sparrow, 15; Swamp Sparrow, 2; Song Sparrow, 10. **Total,** 52 species; about 1492 individuals.—John Newell, James L. Norman (compiler), Eddie Powell.

471. Stillwater, Okla. (all points within a 15-mile diameter circle, center same as in previous years).—Dec. 26; 8 a.m. to 5:45 p.m. Cloudy, trace of rain a.m.; temp. 53° to 64°; wind SE, 8-12 m.p.h.; water open, lakes and ponds full. Six observers in 1-2 parties. Total party-hours, 12 (10 on foot, 2 by car); total party-miles, 40 (10 on foot, 30 by car). ► Pied-billed Grebe, 1; Great Blue Heron, 1; Mallard, 143; Common Merganser, 2; Red-tailed Hawk, 9; buteo (sp.), 3; Marsh Hawk, 10; Sparrow Hawk, 6; Bobwhite, 23; Ring-billed Gull, 7; Mourning Dove, 1; Great Horned Owl, 3; Barred Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 20; Red-shafted Flicker, 2; Red-bellied Woodpecker, 17; Red-headed Woodpecker, 6; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 7; Downy Woodpecker, 16; Blue Jay, 44; Common Crow, 173; Carolina Chickadee, 46; Tufted Titmouse, 17; White-breasted Nuthatch, 6; Brown Creeper, 3; Bewick's Wren, 3; Carolina Wren, 3; Mockingbird, 2; Robin, 29; Eastern Bluebird, 58; Loggerhead Shrike, 3; Starling, 82; Myrtle Warbler, 5; House Sparrow, 419; Eastern Meadowlark, 36; Western Meadowlark, 2; Redwinged Blackbird, 34; Rusty Blackbird, 300; blackbird (sp.), 665; Cardinal, 34; Purple Finch, 44; Pine Siskin, 5; Am. Goldfinch, 371; Rufous-sided Towhee, 1; Savannah Sparrow, 2; Le Conte's Sparrow, 1; Slate-colored Junco, 225; Oregon Junco, 6; **Gray-headed Junco,** 3; Tree Sparrow, 130; Field Sparrow, 6; Harris' Sparrow, 99; Fox Sparrow, 2; Song Sparrow, 30. **Total,** 54 species; about 3169 individuals.—F. M. Baumgartner (compiler), Mrs. F. M. Baumgartner, Mr. and Mrs. Colly Hitt, Mrs. Jean Thatcher, Zella Moorman (Payne County Audubon Society).

472. Tulsa, Okla. (all points within a 15-mile diameter circle, center Mohawk Park 5 miles northeast of Tulsa as in 1958, including Sperry and Garnett areas).—Dec. 27; 7 a.m. to 5 p.m. Cloudy; temp. 42° to 39°; wind NW, 17 m.p.h. Nineteen observers in 8 parties. Total party-hours, 46 (40 on foot, 6 by car); total party-miles, 65 (24 on foot, 41 by car). ► Great Blue Heron, 13; Mallard, 223; Blue-winged Teal, 15; Redhead, 1; Common Goldeneye, 2; Common Merganser, 736; Sharp-shinned Hawk, 1; Red-tailed Hawk, 9; Red-shouldered Hawk, 10; Rough-legged Hawk, 1; Marsh Hawk, 6; Sparrow Hawk, 4; Bobwhite, 6; Common Snipe, 1; Herring Gull, 2; Ring-billed Gull, 66; Great Horned Owl, 2; Belted Kingfisher, 5; Yellow-shafted Flicker, 52; Red-shafted Flicker, 4; Pileated Woodpecker, 9; Red-bellied Woodpecker, 25; Red-headed Woodpecker, 359; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 10; Downy Woodpecker, 63; Blue Jay, 270; Common Crow, 162; Carolina Chickadee, 178; Tufted Titmouse, 131; White-breasted Nuthatch, 17; Brown Creeper, 1; Carolina Wren, 22; Mockingbird, 7; Robin, 113; Eastern Bluebird, 51; Loggerhead Shrike, 5; Starling, 320; House Sparrow, 46; Eastern Meadowlark, 278; Western Meadowlark, 2; Redwinged Blackbird, 507; Rusty Blackbird, 338; Brewer's Blackbird, 90; Common Grackle, 1; Brown-headed Cowbird, 318; Cardinal, 112; Am. Goldfinch, 156; Rufous-sided Towhee, 7; Slate-colored Junco, 356; Tree Sparrow, 8; Field Sparrow, 14; Harris' Sparrow, 21; White-throated Sparrow, 132; Fox Sparrow, 32; Lincoln's Sparrow, 1; Song Sparrow, 31. **Total,** 57 species; about 5355 individuals. (Seen in area count

period, but not on count day: Green-winged Teal, Hooded Merganser, Am. Coot, Killdeer, Barred Owl, Horned Lark, Brown Thrasher, Hermit Thrush, Golden-crowned Kinglet, Purple Finch, Swamp Sparrow.) —C. L. Criswell, John Dickerson, Mary Jo Erhardt, Mrs. George C. Getgood, Fraser Getgood, Mable Hagan, Elton Hall, Letitia Johnston, Edith Force Kassing, David O. Kassing, Mr. and Mrs. Bruce Reynolds, Forrest Romero, Mr. and Mrs. Harold C. Spore, Al Steitz, Jr., G. E. Tenney (compiler), Mrs. G. E. Tenney, John S. Tomer.

473. Wichita Mountains Wildlife Refuge, Okla. (all points within a 15-mile diameter circle, center Mt. Marcy, including French, Comanche, Grama, Thomas and Parker Lakes, Cedar Creek, Pecan Springs; lake shores 10%, creekbottoms 40%, oak and rocky hills 15%, open prairie 35%).—Dec. 23; 7:45 a.m. to 5:30 p.m. Clear; temp. 32° to 48°; no wind; lakes and ponds open. Six observers in 3 parties. Total party-hours, 25 (3 on foot, 22 by car); total party-miles, 114 (4 on foot, 110 by car). ► Common Loon, 2; Horned Grebe, 1; Pied-billed Grebe, 11; Great Blue Heron, 3; Mallard, 2; Gadwall, 195; Green-winged Teal, 6; Am. Widgeon, 12; Canvasback, 1; Common Goldeneye, 3; Bufflehead, 10; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 13; Harlan's Hawk, 1; **Swainson's Hawk, 1**; Golden Eagle, 3; Bald Eagle, 6; Marsh Hawk, 13; Sparrow Hawk, 4; Bobwhite, 2; Turkey, 2; Am. Coot, 1; Killdeer, 1; Ring-billed Gull, 3; Mourning Dove, 32; Roadrunner, 1; Screech Owl, 1; Great Horned Owl, 1; Short-eared Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 10; Red-shafted Flicker, 22; Red-bellied Woodpecker, 10; Red-headed Woodpecker, 12; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 8; Downy Woodpecker, 8; Horned Lark, 15; Blue Jay, 139; Common Crow, 112; Carolina Chickadee, 55; Tufted Titmouse, 36; White-breasted Nuthatch, 3; Brown Creeper, 1; Bewick's Wren, 11; Carolina Wren, 3; Cañon Wren, 6; Mockingbird, 1; Robin, 3; Eastern Bluebird, 7; Mountain Bluebird, 53; Golden-crowned Kinglet, 5; Ruby-crowned Kinglet, 1; Cedar Waxwing, 25; Loggerhead Shrike, 1; Starling, 1; Myrtle Warbler, 1; **Yellowthroat, 1** (carefully identified—W.D.); House Sparrow, 4; Eastern Meadowlark, 82; Redwinged Blackbird, 10; Brewer's Blackbird, 10; Brown-headed Cowbird, 5; Cardinal, 31; Pine Siskin, 1; Am. Goldfinch, 4; Rufous-sided Towhee, 11; Savannah Sparrow, 23; Vesper Sparrow, 5; Rufous-crowned Sparrow, 3; Slate-colored Junco, 390; Oregon Junco, 64; Tree Sparrow, 45; Chipping Sparrow, 1; Field Sparrow, 39; Harris' Sparrow, 42; White-throated Sparrow, 3; Song Sparrow, 14; Chestnut-collared Longspur, 36. **Total,** 80 species; about 1713 individuals. (Seen in area count period, but not on count day: Pintail, Hooded Merganser.)—Charles C. Carpenter, W. Marvin Davis, Arthur F. Halloran (compiler), Mrs. Arthur F. Halloran, Arthur F. Halloran, Jr., J. G. Halloran.

474. Abilene, Tex. (all points within a 15-mile diameter circle, center 22.6 miles southwest of Abilene; cedar brakes 13%, mixed cedar and deciduous woodland 40%, grassland 8%, cultivated fields 14%, lakes 20%, canyons and associated streams 5%).—Jan. 2; 7:20 a.m. to 4:45 p.m. Clear; temp. 44° to 54°; wind NW, 0-31 m.p.h. Three observers in 1 party. Total party-hours, 9½ (4½ on foot, 5 by car); total party-miles, 73 (4 on foot, 69 by car). ► Eared Grebe, 1; Great Blue Heron, 5; Mallard, 28; Green-winged Teal, 3; Bufflehead, 2; Black Vulture, 5; Red-tailed Hawk, 3; Sparrow Hawk, 2; Bobwhite, 8; Am. Coot, 10; Killdeer, 13; **Greater Yellowlegs, 1** (seen and heard well); Least Sandpiper, 6; Mourning Dove, 30; Roadrunner, 2; Yellow-shafted Flicker, 5; Red-shafted Flicker, 6; Golden-fronted Woodpecker, 5; Red-headed Woodpecker, 1; Ladder-backed Woodpecker, 5; Blue Jay, 2; Scrub Jay, 3; Common Crow, 5; Carolina Chickadee, 10; Black-crested Titmouse, 17; Bewick's Wren, 9; **Cañon Wren, 1**; Mockingbird, 12; Robin, 31; Hermit Thrush, 1; Eastern Bluebird, 4; Western Bluebird, 5; Mountain Bluebird, 3; Townsend's Solitaire, 4; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 2; Water Pipit, 37; Cedar Waxwing, 19; Loggerhead Shrike, 7; Starling, 11; Myrtle Warbler, 2; Audubon's Warbler, 1; House Sparrow, 9; Western Meadowlark, 158; Brewer's Blackbird, 45; Cardinal, 47; Am. Goldfinch, 75; Lesser Goldfinch, 4; Rufous-sided Towhee, 9; Savannah Sparrow, 4; Vesper Sparrow, 34; Slate-colored Junco, 37; Oregon Junco, 2; Field Sparrow, 7; Harris' Sparrow, 7; White-crowned Sparrow, 95; White-throated Sparrow, 3; Fox Sparrow, 3; Lincoln's Sparrow, 1; Song Sparrow, 7. **Total,** 60 species; about 876 individuals. (Seen in area count period, but not on count day: Pied-billed Grebe, Pintail, Common Bushtit, Lark Sparrow.)—Michael Bonine, Ronald L. Fowler (compiler), Marcus Mullings.

475. Alice, Tex. (all points within a 15-mile diameter circle; 160 acres at NW intersection of Farm Rd. 1554 and Jim Wells Co. Rd. 136, six miles SW of Alice).—Dec. 25; 6:30 a.m. to 7:30 p.m. Cloudy; temp. 50° to 78°; wind SE, 12 m.p.h. Two observers in 1 party. Total party hours, 13; total party-miles, 10 (all on foot). ► Great Blue Heron, 1; Turkey Vulture, 8; Harris' Hawk, 4; Marsh Hawk, 4; Sparrow Hawk, 5; Bobwhite, 123; Killdeer, 57; Common Snipe, 19; **Solitary Sandpiper, 1**; Greater Yellowlegs, 1; Least Sandpiper, 20; Mourning Dove, 206; Ground Dove, 65; Inca Dove, 6; Roadrunner, 1; Barn Owl, 1; Great Horned Owl, 2; Pauraque, 1; Golden-fronted Woodpecker, 24; Ladder-backed Woodpecker, 2; **Kiskadee Flycatcher, 1**; Say's Phoebe, 1; Horned Lark, 2; Black-crested Titmouse, 1; Verdin, 15; House Wren, 7; Bewick's Wren, 11; Cactus Wren, 27; Mockingbird, 78; Long-billed Thrasher, 3; Curve-billed Thrasher, 49; Robin, 19; Blue-gray Gnatcatcher, 5; Ruby-crowned Kinglet, 1; Water Pipit, 14; Cedar Waxwing, 2; Loggerhead Shrike, 4; Starling, 19; Orange-crowned Warbler, 5; Myrtle Warbler, 1; House Sparrow, 135; Eastern Meadowlark, 53; Western Meadowlark, 200; Brewer's Blackbird, 42; Boat-tailed Grackle, 4; Brown-headed Cowbird, 516; Cardinal, 15; Pyrrhuloxia, 12; **House Finch, 3**; Am. Goldfinch, 2; Olive Sparrow, 2; Lark Bunting, 225; Savannah Sparrow, 20; Vesper Sparrow, 20; Black-throated Sparrow, 27; Field Sparrow, 2; White-crowned Sparrow, 148; Lincoln's Sparrow, 2. **Total,** 58 species; about 2244 individuals. (Seen

in area count period, but not on count day: Caracara.) —Richard O. Albert (compiler), Terry Word.

476. **Amarillo, Tex.** (all points within a 15-mile diameter circle, center at entrance to Palo Duro State Park; prairie 5%, streambeds with cottonwood and hackberry 30%, canyon walls 17%, grassland-mesquite-juniper-cactus 48%).—Dec. 29; 8 a.m. to 5 p.m. Partly cloudy, clearing; temp. 30° to 50°; wind NW, 0-3 m.p.h.; more water than usual in creeks, no ice. Four observers in 1 party. Total party-hours, 8 (6 on foot, 2 by car); total party-miles, 27 (10 on foot, 17 by car). ► Green-winged Teal, 1; Marsh Hawk, 3; Sparrow Hawk, 2; Scaled Quail, 25; Red-shafted Flicker, 3; Golden-fronted Woodpecker, 4; Ladder-backed Woodpecker, 2; Black-crested Titmouse, 5; Bewick's Wren, 2; Cañon Wren, 1; Rock Wren, 1; Mockingbird, 2; Townsend's Solitaire, 3; Golden-crowned Kinglet, 12; Loggerhead Shrike, 3; Starling, 9; House Sparrow, 47; Western Meadowlark, 19; Cardinal, 11; Rufous-sided Towhee, 2; Slate-colored Junco, 6; Oregon Junco, 215; Gray-headed Junco, 1; Tree Sparrow, 2; Chipping Sparrow, 2; White-crowned Sparrow, 7; Song Sparrow, 6. **Total,** 27 species; about 396 individuals.—Mrs. I. D. Acord (compiler), Mrs. Lloyd Foster, Mrs. L. E. Moyer, Mrs. George Waddill, Jr. (Texas Panhandle Audubon Society).

477. **Aransas National Wildlife Refuge, Tex.** (all points within a 15-mile diameter circle, center near mid-point of Blackjack Peninsula; most of time along tidal flats, marshes and shorelines which comprise 10% of area, less time in interior comprising Runner Oaks and mature Live Oak motts interspersed with grasslands).—Jan. 1; 9:20 a.m. to 5.47 p.m. Low overcast, haze p.m.; temp. 53° to 58°; wind E, 8-12 m.p.h. Four observers in 1 party. Total party-hours, 8½ (3½ on foot, 5 by car); total party-miles, 52 (3 on foot, 49 by car). ► Eared Grebe, 19; Least Grebe, 12; Pied-billed Grebe, 8; White Pelican, 40; Brown Pelican, 3; Double-crested Cormorant, 6; Great Blue Heron, 65; Reddish Egret, 2; Common Egret, 10; Snowy Egret, 1; Louisiana Heron, 3; White Ibis, 27; Canada Goose, 179; Snow Goose, 301; Blue Goose, 12; Mallard, 10; Mottled Duck, 1; Gadwall, 245; Pintail, 29; Green-winged Teal, 3; Blue-winged Teal, 1; Am. Widgeon, 60; Shoveler, 185; Redhead, 2; Ring-necked Duck, 22; Canvasback, 7; Lesser Scaup, 102; Common Goldeneye, 7; Bufflehead, 2; Ruddy Duck, 25; Hooded Merganser, 3; **Common Merganser, 4**; Red-breasted Merganser, 8; Turkey Vulture, 256; Black Vulture, 303; Cooper's Hawk, 3; Red-tailed Hawk, 3; Red-shouldered Hawk, 2; White-tailed Hawk, 3; Marsh Hawk, 9; Caracara, 5; Sparrow Hawk, 97; Turkey, 12; **Whooping Crane, 6** (air survey Dec. 30 listed 33); Sandhill Crane, 36; Am. Coot, 412; Semipalmated Plover, 13; Piping Plover, 59; Killdeer, 23; Common Snipe, 3; Long-billed Curlew, 17; Willet, 13; Greater Yellowlegs, 20; Lesser Yellowlegs, 48; Least Sandpiper, 15; Dunlin, 29; Long-billed Dowitcher, 7; Semipalmated Sandpiper, 12; Western Sandpiper, 15; Sanderling, 3; Herring Gull, 2; Ring-billed Gull, 27; Bonaparte's Gull, 3; Gull-billed Tern, 1; Forster's Tern, 4; Common Tern, 15; Royal Tern, 2; Caspian Tern, 4; Mourning Dove, 272; Pauraque, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 5; Golden-fronted Woodpecker, 1; Yellow-bellied Sapsucker, 1; Ladder-backed Woodpecker, 1; Eastern Phoebe, 17; Vermilion Flycatcher, 7; Horned Lark, 2; Black-crested Titmouse, 2; Bewick's Wren, 3; Mockingbird, 211; Brown Thrasher, 2; Robin, 828; Blue-gray Gnatcatcher, 6; Ruby-crowned Kinglet, 2; Water Pipit, 12; Cedar Waxwing, 28; Loggerhead Shrike, 62; Starling, 35; Myrtle Warbler, 46; Yellowthroat, 1; House Sparrow, 3; Eastern Meadowlark, 140; Redwinged Blackbird, 309; Brewer's Blackbird, 267; Brown-headed Cowbird, 15; Cardinal, 23; Am. Goldfinch, 19; Savannah Sparrow, 18; Vesper Sparrow, 126; **Clay-colored Sparrow, 1** (carefully identified); Field Sparrow, 10. **Total,** 102 species; about 5364 individuals. (Seen in area count period, but not on count day: Black-crowned Night Heron, Glossy Ibis, Bald Eagle, Bobwhite, Roadrunner, Great Horned Owl.)—Bruce K. Harris, H. J. Johnson (compiler), Robert H. Shields, Benjamin B. Warfield.

478. **Bastrop-Buescher State Parks, Tex.** (all points within a 15-mile diameter circle, center on Park Road 1 midway between Bastrop and Buescher State Parks as last year).—Dec. 30; 8 a.m. to 6 p.m. Overcast to partly cloudy; temp. 40° to 51°; wind N to E, 7-4 m.p.h. Four observers in 1 party. Total party-hours, 10 (3 on foot, 7 by car); total party-miles, 33 (2 on foot, 31 by car). ► Great Blue Heron, 2; Canada Goose, 45; Turkey Vulture, 26; Black Vulture, 2; Sharp-shinned Hawk, 1; Red-tailed Hawk, 5; Red-shouldered Hawk, 4; Sparrow Hawk, 9; Bobwhite, 1; Killdeer, 4; Mourning Dove, 9; Roadrunner, 1; Screech Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 12; Pileated Woodpecker, 1; Red-bellied Woodpecker, 14; **Golden-fronted Woodpecker, 3** (carefully identified); Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 13; Hairy Woodpecker, 2; Downy Woodpecker, 6; Ladder-backed Woodpecker, 1; Eastern Phoebe, 4; Blue Jay, 11; Common Crow, 24; Carolina Chickadee, 82; Tufted Titmouse, 33; Red-breasted Nuthatch, 1; House Wren, 2; Bewick's Wren, 16; Carolina Wren, 26; Mockingbird, 112; Brown Thrasher, 11; Robin, 460; Hermit Thrush, 45; Eastern Bluebird, 65; Mountain Bluebird, **18**; Golden-crowned Kinglet, 9; Ruby-crowned Kinglet, 50; Cedar Waxwing, 27; Loggerhead Shrike, 11; Starling, 50; Solitary Vireo, 1; Orange-crowned Warbler, 8; Myrtle Warbler, 44; Yellow-throated Warbler, 1; Pine Warbler, 28; House Sparrow, 56; Western Meadowlark, 4; **Bullock's Oriole, 1** (all observers); Brown-headed Cowbird, 300; Cardinal, 159; Purple Finch, 82; **House Finch, 2** (2 males seen well); Am. Goldfinch, 33; Rufous-sided Towhee, 37; **Grasshopper Sparrow, 2**; Vesper Sparrow, 22; Lark Sparrow, 5; Slate-colored Junco, 118; Oregon Junco, 2; Chipping Sparrow, 41; Field Sparrow, 128; Harris' Sparrow, 12; White-crowned Sparrow, 2; White-throated Sparrow, 260; Fox Sparrow, 7; Lincoln's Sparrow, 13; Song Sparrow, 4. **Total,** 70 species; about 2594 individuals.—John Louis Rowlett, Rose Ann Rowlett, Ada Marie Webster, Fred S. Webster, Jr. (compiler).

479. **Bentsen State Park, Tex.** (all points within a 15-mile diameter circle, center 1 mile west of Madero on Old Military Highway; residential 8%, water 17%, cultivated fields 30%, orchards 17%, timber and brushlands 20%, pasture 8%).—Dec. 23; 6 a.m. to 7:30 p.m. Thick fog until 9:30 a.m.; temp. 60° to 75°; wind 5 m.p.h. Five observers in 2 parties. Total party-hours, 21 (7 on foot, 14 by car); total party-miles, 154 (15 on foot, 139 by car). ► Least Grebe, 2; Pied-billed Grebe, 6; Great Blue Heron, 5; Black-crowned Night Heron, 1; Mallard, 1; Mottled Duck, 2; Gadwall, 80; Pintail, 45; Green-winged Teal, 1; Blue-winged Teal, 75; Cinnamon Teal, 3; Am. Widgeon, 5; Shoveler, 125; Redhead, 1; Ring-necked Duck, 14; Canvasback, 36; Greater Scaup, 2; Lesser Scaup, 27; Ruddy Duck, 18; Turkey Vulture, 2; Black Vulture, 3; Sharp-shinned Hawk, 3; Cooper's Hawk, 5; Red-tailed Hawk, 1; Red-shouldered Hawk, 3; Harris' Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 13; Chachalaca, 5; Bobwhite, 8; Scaled Quail, 1; Sora, 3; Common Gallinule, 6; Am. Coot, 586; Killdeer, 12; Mourning Dove, 35; Ground Dove, 6; Inca Dove, 7; White-fronted Dove, 7; Groove-billed Ani, 1; Roadrunner, 3; Screech Owl, 1; Great Horned Owl, 2; Pauraque, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 1; Golden-fronted Woodpecker, 15; Ladder-backed Woodpecker, 16; Kiskadee Flycatcher, 36; Eastern Phoebe, 8; Say's Phoebe, 1; Vermilion Flycatcher, 8; Green Jay, 37; White-necked Raven, 4; Black-crested Titmouse, 7; Verdin, 9; House Wren, 4; Bewick's Wren, 4; Carolina Wren, 1; Cactus Wren, 1; Mockingbird, 41; Long-billed Thrasher, 2; Curve-billed Thrasher, 7; Robin, 86; Eastern Bluebird, 37; Blue-gray Gnatcatcher, 46; Ruby-crowned Kinglet, 30; Water Pipit, 86; Cedar Waxwing, 351; Loggerhead Shrike, 7; Starling, 12; White-eyed Vireo, 1; Orange-crowned Warbler, 12; Nashville Warbler, 2; Myrtle Warbler, 102; Audubon's Warbler, 1; Yellowthroat, 177; House Sparrow, 227; Eastern Meadowlark, 39; Redwinged Blackbird, 836; Black-headed Oriole, 6; Boat-tailed Grackle, 672; Brown-headed Cowbird, 1166; Bronzed Cowbird, 25; Cardinal, 51; Pyrrhuloxia, 10; Am. Goldfinch, 64; Lesser Goldfinch, 1; Olive Sparrow, 1; Savannah Sparrow, 76; Lark Sparrow, 3; Field Sparrow, 1; White-crowned Sparrow, 9; Lincoln's Sparrow, 19; Song Sparrow, 13. **Total,** 95 species; about 5539 individuals. [Purple Gallinule, 1; Jaçana, 2; Rose-throated Becard, 1; Wood Pewee, 2; Swainson's Thrush, 1 reported without details and not underlined as noteworthy removed from list—Ed.] (Seen in area count period, but not on count day: Barn Owl, Short-eared Owl, Horned Lark.)—Allan Hayse, Pauline James (compiler), Jack Lowe, Luhe McConnell, Melvin Thompson.

480. **Big Spring, Tex.** (all points within a 15-mile diameter circle, center at point Moss Creek Lake road crosses Beals Creek; canyons with oak and juniper 45%, mesquite thickets 45%, lake 7%, cultivated fields 3%).—Dec. 26; 7:30 a.m. to 5 p.m. Clear to partly cloudy; temp. 40° to 65°; wind S to SW, 18-30 m.p.h.; blowing sand in afternoon. Six observers in 2 parties. Total party-hours, 17 (5 on foot, 12 by car); total party-miles, 100 (6 on foot, 94 by car). ► **Common Loon, 1** (3 experienced observers); Pied-billed Grebe, 4; Great Blue Heron, 1; Pintail, 1; Green-winged Teal, 3; Redhead, 2; Lesser Scaup, 10; Ruddy Duck, 14; Cooper's Hawk, 1; Red-tailed Hawk, 15; Ferruginous Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 1; Bobwhite, 1; Scaled Quail, **678**; Sandhill Crane, 38; Am. Coot, 9; Killdeer, 22; Common Snipe, 7; Mourning Dove, 14; Inca Dove, 11; Roadrunner, 1; Great Horned Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 3; Red-shafted Flicker, 1; Golden-fronted Woodpecker, 4; Ladder-backed Woodpecker, 8; Say's Phoebe, 1; Horned Lark, 40; Verdin, 5; Brown Creeper, 1; Bewick's Wren, 8; Cactus Wren, 3; Rock Wren, 4; Mockingbird, 14; Curve-billed Thrasher, 5; Sage Thrasher, 1; Robin, 4; Mountain Bluebird, 18; Blue-gray Gnatcatcher, 6; Golden-crowned Kinglet, 8; Ruby-crowned Kinglet, 17; Water Pipit, 9; Cedar Waxwing, 18; Loggerhead Shrike, 11; Starling, 4; Orange-crowned Warbler, 3; House Sparrow, 198; Western Meadowlark, 310; Redwinged Blackbird, 1; Brewer's Blackbird, 40; Brown-headed Cowbird, 809; Cardinal, 57; Pyrrhuloxia, 2; House Finch, 7; Am. Goldfinch, 35; Lesser Goldfinch, 3; Rufous-sided Towhee, 4; Brown Towhee, 33; Lark Bunting, 16; Vesper Sparrow, 5; Rufous-crowned Sparrow, 1; Black-throated Sparrow, 6; Slate-colored Junco, 25; Oregon Junco, 91; Chipping Sparrow, 1; Field Sparrow, 4; White-crowned Sparrow, 246; Lincoln's Sparrow, 2; Song Sparrow, 1. **Total,** 71 species; about 2932 individuals.—Ronnie Fowler, Ola Dublin Haynes, Francis Kingon, June Kingon, Anne LeSassier, Frances Williams (compiler).

481. **Brownwood, Tex.** (all points within a 15-mile diameter circle, center Brownwood).—Jan. 3; 7:30 a.m. to 3:30 p.m. Partly cloudy; temp. 40° to 55°; wind 5-10 m.p.h. Three observers in 1 party. Total party-hours, 8 (5 on foot, 3 by car); total party-miles, 40. ► Pied-billed Grebe, 5; Great Blue Heron, 2; Mallard, 6; Green-winged Teal, 4; Canvasback, 8; Lesser Scaup, 2; Turkey Vulture, 6; Black Vulture, 3; Red-tailed Hawk, 2; Marsh Hawk, 1; Sparrow Hawk, 4; Bobwhite, 4; Sora, 1; Am. Coot, 8; Killdeer, 9; Mourning Dove, 160; Inca Dove, 3; Roadrunner, 1; Great Horned Owl, 1; Belted Kingfisher, 3; Yellow-shafted Flicker, 3; Red-shafted Flicker, 2; Red-bellied Woodpecker, 2; Golden-fronted Woodpecker, 7; Yellow-bellied Sapsucker, 1; Downy Woodpecker, 2; Ladder-backed Woodpecker, 3; Horned Lark, 20; Blue Jay, 2; Common Crow, 8; Carolina Chickadee, 7; Black-crested Titmouse, 12; Verdin, 2; Brown Creeper, 2; Bewick's Wren, 7; Long-billed Marsh Wren, 1; Mockingbird, 12; Brown Thrasher, 1; Robin, 4; Eastern Bluebird, 9; Western Bluebird, 5; Ruby-crowned Kinglet, 2; Cedar Waxwing, 35; Loggerhead Shrike, 15; Starling, 90; Myrtle Warbler, 4; House Sparrow, 250; Western Meadowlark, 150; Redwinged Blackbird, 400; Brown-headed Cowbird, 3; Cardinal, 60; House Finch, 1; Am. Goldfinch, 12; Rufous-sided Towhee, 5; Savannah Sparrow, 20; Lark Sparrow, 30; Black-throated Sparrow, 8; Slate-colored Junco, 45; Field Sparrow, 4; Harris' Sparrow, 45; White-crowned Sparrow, 55; Song Sparrow, 16. **Total,** 62 species; about 1595 in-

dividuals.—Bolton Addison, Floyd Horine, Chris Jordan (compiler).

482. Carrizo Springs, Tex. (all points within a 15-mile diameter circle, center on dam of Lake Espantosa; wooded riverbottoms 80%, mesquite pastures 10%, small ponds 10%).—Dec. 25; 7 a.m. to 6 p.m. Cloudy; temp. 56° to 70°; wind N, 5-15 m.p.h.; all streams and ponds full. One observer. Total hours, 9 (6 on foot, 3 by car); total miles, 52 (12 on foot, 40 by car). ► Eared Grebe, 1; Least Grebe, 2; Pied-billed Grebe, 7; **Anhinga, 1** (studied carefully); Great Blue Heron, 3; Mallard, 6; Gadwall, 20; Pintail, 50; Green-winged Teal, 6; Blue-winged Teal, 2; Am. Widgeon, 45; Shoveler, 1; Lesser Scaup, 2; Ruddy Duck, 14; Turkey Vulture, 3; Sharp-shinned Hawk, 1; Red-tailed Hawk, 3; Harris' Hawk, 3; **Prairie Falcon, 1** (all field marks); Sparrow Hawk, 10; Scaled Quail, 4; Sandhill Crane, 227; Am. Coot, 16; Killdeer, 18; Common Snipe, 8; Greater Yellowlegs, 2; Least Sandpiper, 12; Mourning Dove, 800; Roadrunner, 1; Great Horned Owl, 7; Belted Kingfisher, 1; Red-shafted Flicker, 1; Golden-fronted Woodpecker, 8; Yellow-bellied Sapsucker, 1; Ladder-backed Woodpecker, 3; Eastern Phoebe, 5; Say's Phoebe, 1; Vermilion Flycatcher, 8; Black-crested Titmouse, 14; Verdin, 10; Bewick's Wren, 6; Carolina Wren, 13; Cactus Wren, 1; Long-billed Marsh Wren, 1; Mockingbird, 35; Long-billed Thrasher, 2; Sage Thrasher, 2; Robin, 30; Hermit Thrush, 2; Eastern Bluebird, 5; Blue-gray Gnatcatcher, 8; Ruby-crowned Kinglet, 19; Water Pipit, 150; Cedar Waxwing, 30; Loggerhead Shrike, 7; Starling, 4000; Orange-crowned Warbler, 7; Myrtle Warbler, 35; **Pine Warbler, 1**; Yellowthroat, 25; **Am. Redstart, 1** (watched 5 minutes); House Sparrow, 150; Eastern Meadowlark, 29; Redwinged Blackbird, 126; Brewer's Blackbird, 520; Boat-tailed Grackle, 145; Brown-headed Cowbird, 1000; Cardinal, 60; Pyrrhuloxia, 55; Am. Goldfinch, 50; Olive Sparrow, 7; Rufous-sided Towhee, 3; Lark Bunting, 565; Vesper Sparrow, 1; Lark Sparrow, 5; Black-throated Sparrow, 64; White-crowned Sparrow, 40; Swamp Sparrow, 2; Song Sparrow, 3. **Total,** 79 species; about 8533 individuals. (Seen in area count period, but not on count day: Marsh Hawk, Inca Dove, Curve-billed Thrasher, House Finch.)—Roddy Rylander.

483. Carthage, Tex. (all points within a 15-mile diameter circle, center on Farm Road 2260 about 1¾ miles southwest of Delray, extending from west line of Panola County eastward to Carthage, and including Beckville on north, Murvaul Lake on south).—Dec. 23; 7:30 a.m. to 5 p.m. Cloudy, showers a.m.; temp. 48° to 56°; wind E, 5 m.p.h. Two observers in 1 party. Total party-hours, 9½ (2 on foot, 7½ by car); total party-miles, 72 (3 on foot, 69 by car). ► Pied-billed Grebe, 9; Great Blue Heron, 4; Canvasback, 6; Lesser Scaup, 29; Ruddy Duck, 18; Turkey Vulture, 22; Black Vulture, 14; Red-shouldered Hawk, 2; Sparrow Hawk, 10; Bobwhite, 1; Am. Coot, 38; Killdeer, 7; Common Snipe, 3; Mourning Dove, 64; Belted Kingfisher, 9; Yellow-shafted Flicker, 9; Pileated Woodpecker, 1; Red-bellied Woodpecker, 8; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 1; Downy Woodpecker, 2; Horned Lark, 1; Blue Jay, 61; Common Crow, 52; Carolina Chickadee, 11; Tufted Titmouse, 5; White-breasted Nuthatch, 1; Brown-headed Nuthatch, 1; Winter Wren, 2; Bewick's Wren, 3; Carolina Wren, 11; Mockingbird, 20; Brown Thrasher, 6; Robin, 47; Hermit Thrush, 3; Eastern Bluebird, 75; Golden-crowned Kinglet, 3; Ruby-crowned Kinglet, 9; Water Pipit, 6; Loggerhead Shrike, 38; Starling, 201; Myrtle Warbler, 8; Pine Warbler, 3; House Sparrow, 130; Eastern Meadowlark, 151; Redwinged Blackbird, 601; Rusty Blackbird, 115; Brewer's Blackbird, 13; Common Grackle, 195; Brown-headed Cowbird, 35; Cardinal, 87; Am. Goldfinch, 91; Rufous-sided Towhee, 4; Savannah Sparrow, 4; Vesper Sparrow, 2; Lark Sparrow, 1; Slate-colored Junco, 129; Chipping Sparrow, 3; Field Sparrow, 106; Harris' Sparrow, 5; White-throated Sparrow, 215; Fox Sparrow, 3; Lincoln's Sparrow, 5; Song Sparrow, 52. **Total,** 65 species; about 2776 individuals.—J. P. Ferrill (compiler), Gaddis Taylor.

484. Dallas, Tex. (all points within a 15-mile diameter circle, center S. M. U. Campus; same area as 1957 without Trinity River bottom and with addition of golf course, Scyene Road; lakeshore, cattail marsh, creek and riverbottoms 35%, parks and residential 35%, deciduous farm woodlots and pasture 30%).—Dec. 26; 7 a.m. to 5:45 p.m. Cloudy, occasional drizzle, changing mid-p.m. to clear; temp. 58° to 70°; wind S to SW, 12-20 m.p.h.; lakes full, water open. Twenty-five observers in 7 parties. Total party-hours, 37 (14 on foot, 23 by car); total party-miles, 194 (10 on foot, 184 by car). ► Pied-billed Grebe, 36; Great Blue Heron, 3; Mallard, 179; Black Duck, 1; Gadwall, 19; Pintail, 28; Green-winged Teal, 269; Am. Widgeon, 116; Shoveler, 37; Ring-necked Duck, 157; **Greater Scaup, 1** (3 observers); Lesser Scaup, 55; Bufflehead, 3; Ruddy Duck, 44; Sharp-shinned Hawk, 1; Cooper's Hawk, 3; Red-tailed Hawk, 8; Red-shouldered Hawk, 2; Rough-legged Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 34; Bobwhite, 26; Common Gallinule, 9; Am. Coot, 308; Killdeer, 71; Common Snipe, 15; **Long-billed Curlew, 2** (all field marks); Greater Yellowlegs, 1; Least Sandpiper, 30; Herring Gull, 4; Ring-billed Gull, 181; Mourning Dove, 54; Roadrunner, 2; Screech Owl, 1; Burrowing Owl, 1; Barred Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 43; Red-shafted Flicker, 1; Red-bellied Woodpecker, 56; Yellow-bellied Sapsucker, 5; Hairy Woodpecker, 4; Downy Woodpecker, 20; Horned Lark, 500; Blue Jay, 91; Common Crow, 218; Carolina Chickadee, 46; Tufted Titmouse, 19; Brown Creeper, 12; House Wren, 1; Bewick's Wren, 4; Carolina Wren, 14; Mockingbird, 86; Brown Thrasher, 5; Robin, 17; Hermit Thrush, 2; Eastern Bluebird, 16; Golden-crowned Kinglet, 1; Ruby-crowned Kinglet, 1; Sprague's Pipit, 4; Cedar Waxwing, 80; Loggerhead Shrike, 33; Starling, 78,606; Myrtle Warbler, 7; **Pine Warbler, 1**; Yellowthroat, 1; House Sparrow, 288; Eastern Meadowlark, 139; Western Meadowlark, 15; Redwinged Blackbird, **3,044,344**; Brewer's Blackbird, 150; Boat-tailed Grackle, 515; Common Grackle,

100; Brown-headed Cowbird, 10,561; Cardinal, 126; Pine Siskin, 3; Am. Goldfinch, 105; Rufous-sided Towhee, 14; Savannah Sparrow, 27; Vesper Sparrow, 2; Lark Sparrow, 1; Slate-colored Junco, 159; Oregon Junco, 1; Chipping Sparrow, 1; Field Sparrow, 38; Harris' Sparrow, 65; White-crowned Sparrow, 2; White-throated Sparrow, 48; Fox Sparrow, 18; Swamp Sparrow, 2; Song Sparrow, 36; **Lapland Longspur,** 5 (carefully identified). **Total,** 92 species; about 3,138,364 individuals. (Seen in area count period, but not on count day: Common Merganser, Eastern Phoebe, Water Pipit, Turkey Vulture, Purple Finch.)—Charlotte Clark, James R. Cumby, Florence Delaplane, Dorothy England, Gordon and Lois G. Fraser, Edward C. Fritz, Mrs. J. C. Harris, Rosabel Harris, C. E. Kiblinger, Stella La Mond, Murray Marshall (compiler), Doris McGuire, Mrs. R. R. McLeroy, Hazel Nichols, Mrs. Rudolph Prins, Warren Pulich, Sr. and Jr., Mariana Roach, Mrs. Ray Roddy, Norma Stillwell, Dennis Sustare, Harold R. Winer, Jonathan Winer, Fern Yates.

485. Davis Mountains, Tex. (all points within a 15-mile diameter circle, center 7½ miles WNW of junction of Frazier Canyon and Limpia Canyon; elevation 4550-6791 ft.; hillsides with juniper-piñon-oak 50%, streamside with willow and cotton wood 30%, mesquite-yucca-acacia thickets 10%, pine-oak forest 10%).—Jan. 1; 7:30 a.m. to 6:45 p.m. Clear; temp. 32° to 54°; wind W, 10-22, gusts to 30 m.p.h. Seven observers in 3 parties. Total party-hours, 29 (15 on foot, 14 by car); total party-miles, 128 (13 on foot, 115 by car). ► Red-tailed Hawk, 16; Marsh Hawk, 1; Sparrow Hawk, 4; Scaled Quail, 128; Killdeer, 2; Common Snipe, 1; Mourning Dove, 24; Roadrunner, 1; Great Horned Owl, 1; **White-throated Swift, 2** (carefully identified); Belted Kingfisher, 1; Red-shafted Flicker, 8; Acorn Woodpecker, 13; Yellow-bellied Sapsucker, 3; Ladder-backed Woodpecker, 10; Black Phoebe, 3; Say's Phoebe, 12; Vermilion Flycatcher, 1; Horned Lark, 56; Scrub Jay, 34; Black-crested Titmouse, 26; Verdin, 2; Common Bushtit, 72; Brown Creeper, 1; Bewick's Wren, 4; Cactus Wren, 8; Cañon Wren, 10; Rock Wren, **38**; Mockingbird, 2; Curve-billed Thrasher, 3; Sage Thrasher, 1; Robin, 4; Hermit Thrush, 1; Western Bluebird, 18; Ruby-crowned Kinglet, 27; Water Pipit, 2; **Phainopepla, 1** (seen well at 30 yds.); Loggerhead Shrike, 17; Myrtle Warbler, 3; Audubon's Warbler, 5; House Sparrow, 63; Western Meadowlark, 47; Pyrrhuloxia, 112; House Finch, 354; Am. Goldfinch, 27; Brown Towhee, 143; Vesper Sparrow, 2; Rufous-crowned Sparrow, 2; Black-throated Sparrow, **99**; Oregon Junco, 213; Gray-headed Junco, 150; Chipping Sparrow, 134; **Clay-colored Sparrow, 1**; Brewer's Sparrow, 5; **Black-chinned Sparrow, 2** (all field marks); White-crowned Sparrow, 154; Song Sparrow, 1. **Total,** 57 species; about 2075 individuals.—John Adams, Walter Ammon, John Galley, Margret Galley, Anne LeSassier, Frances Williams (compiler), Harold Williams.

486. Del Rio, Tex. (all points within a 15-mile diameter circle, center 5 miles SE of U. S. 90 bridge over Devil's River; lake and river 37%, rocky canyons with chaparral 30%, brushy streamside 17%, park 10%, roadside thickets 4%, marsh 2%).—Jan. 3; 7:45 a.m. to 5:30 p.m. Cloudy; temp. 45° to 50°; wind SE, 8-15 m.p.h. Seven observers in 3-4 parties. Total party-hours, 25 (14 on foot, 5 by car, 6 by boat); total party-miles, 59 (14 on foot, 36 by car, 9 by boat). ► Pied-billed Grebe, 13; Great Blue Heron, 15; Mallard, 1; Gadwall, 7; Pintail, 4; Green-winged Teal, 77; Shoveler, 8; Ring-necked Duck, 4; Canvasback, 8; Lesser Scaup, 1; Bufflehead, 18; Black Vulture, 4; Sharp-shinned Hawk, 5; Cooper's Hawk, 4; Red-tailed Hawk, 9; Ferruginous Hawk, 2; Marsh Hawk, 4; Osprey, 1; Peregrine Falcon, 2; Sparrow Hawk, 13; Scaled Quail, 58; Am. Coot, 119; Killdeer, 59; Common Snipe, 4; Spotted Sandpiper, 7; Greater Yellowlegs, 3; Western Sandpiper, 8; Mourning Dove, 71; Inca Dove, 23; Roadrunner, 1; Great Horned Owl, 2; Belted Kingfisher, 11; Green Kingfisher, 7; Yellow-shafted Flicker, 4; Red-shafted Flicker, 6; Golden-fronted Woodpecker, 41; Ladder-backed Woodpecker, 6; **Tropical Kingbird, 1**; Eastern Phoebe, 2; Black Phoebe, 38; Vermilion Flycatcher, 5; Tree Swallow, 15; Rough-winged Swallow, 35; White-necked Raven, 5; Black-crested Titmouse, 10; Verdin, 5; House Wren, 1; Bewick's Wren, 21; Carolina Wren, 2; Cactus Wren, 3; Long-billed Marsh Wren, 6; **Short-billed Marsh Wren, 1** (all field marks); Cañon Wren, 12; Rock Wren, 3; Mockingbird, 72; Brown Thrasher, 1; Curve-billed Thrasher, 4; Robin, 339; Eastern Bluebird, **537** (flock of 500 flying south); Blue-gray Gnatcatcher, 7; Ruby-crowned Kinglet, 33; Water Pipit, 71; Cedar Waxwing, 160; Loggerhead Shrike, 16; Starling, 57; Orange-crowned Warbler, 5; Myrtle Warbler, 22; Audubon's Warbler, 15; Yellowthroat, 4; House Sparrow, 261; Western Meadowlark, 49; Redwinged Blackbird, 277; Brewer's Blackbird, 491; Boat-tailed Grackle, 495; Brown-headed Cowbird, 555; Cardinal, 110; Pyrrhuloxia, 8; House Finch, 10; Pine Siskin, 1; Am. Goldfinch, 6; Lesser Goldfinch, 2; Olive Sparrow, 1; Green-tailed Towhee, 3; Rufous-sided Towhee, 6; Brown Towhee, 17; Savannah Sparrow, 3; Vesper Sparrow, 1; Rufous-crowned Sparrow, 3; Black-throated Sparrow, 37; Oregon Junco, 2; Brewer's Sparrow, 1; Field Sparrow, 3; White-crowned Sparrow, 167; Lincoln's Sparrow, 3; Song Sparrow, 8. **Total,** 95 species; about 4658 individuals.—Walter Ammon, Charles Gaines, John Galley, Margret Galley, Anne LeSassier, Frances Williams (compiler), Harold Williams.

487. Denton, Tex. (all points within a 15-mile diameter circle, center on Corinth as last 4 years; lake shore 10%, deciduous creekbottoms 50%, open fields and pastures 10%, prairies 30%).—Jan. 3; 7 a.m. to 6 p.m. Cloudy; temp. 26° to 47°; wind NW, 0-5 m.p.h.; good rainfall, lakes at conservation level. Six observers in 3 parties. Total party-hours, 24 (8 on foot, 15 by car, 1 by boat); total party-miles, 252 (8 on foot, 239 by car, 5 by boat). ► Horned Grebe, 1; Great Blue Heron, 64; Canada Goose, 20; Mallard, 179; Gadwall, 4; Pintail, 24; Am. Widgeon, 50; Ring-necked Duck, 2; Ruddy Duck, 25; Turkey Vulture, 5; Sharp-shinned Hawk, 1; Red-tailed Hawk, 10; Marsh Hawk, 1; Pigeon Hawk, 3; Sparrow Hawk, 31; Bobwhite, 1; Am. Coot, 18; Killdeer, 24; Common

Snipe, 2; Least Sandpiper, 30; Herring Gull, 2; Ring-billed Gull, 29; Mourning Dove, 54; Roadrunner, 5; Screech Owl, 1; Great Horned Owl, 4; Belted Kingfisher, 1; Yellow-shafted Flicker, 46; Red-shafted Flicker, 1; Red-bellied Woodpecker, 39; Hairy Woodpecker, 3; Downy Woodpecker, 31; Horned Lark, 170; Blue Jay, 32; Common Crow, 154; Carolina Chickadee, 54; Tufted Titmouse, 37; White-breasted Nuthatch, 1; Brown Creeper, 6; Bewick's Wren, 9; Carolina Wren, 11; Mockingbird, 24; Brown Thrasher, 3; Robin, 27; Hermit Thrush, 1; Eastern Bluebird, 37; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 1; Water Pipit, 2; Cedar Waxwing, 28; Loggerhead Shrike, 53; Starling, 720; Myrtle Warbler, 1; Yellowthroat, 1; House Sparrow, 600; Eastern Meadowlark, 20; Western Meadowlark, 5; meadowlark (sp.), 1100; Redwinged Blackbird, 800; Brewer's Blackbird, 5; Brown-headed Cowbird, 4; Cardinal, 80; Purple Finch, 19; Am. Goldfinch, 118; Rufous-sided Towhee, 2; Savannah Sparrow, 12; Vesper Sparrow, 7; Lark Sparrow, 4; Slate-colored Junco, 156; Field Sparrow, 43; Harris' Sparrow, 128; White-crowned Sparrow, 23; White-throated Sparrow, 11; Fox Sparrow, 31; Lincoln's Sparrow, 1; Swamp Sparrow, 1; Song Sparrow, 105; McCown's Longspur, 10. **Total,** 77 species; about 5370 individuals.—Mr. and Mrs. Joe Bailey, V. Hamilton, A. Lockwood, R. Lockwood (compiler), R. Rylander.

488. Eagle Pass, Tex. (all points within a 15-mile diameter circle, center El Indio as in previous years). —Jan. 2; 7:30 a.m. to 6:30 p.m. Drizzle till mid-morning; temp. 43° to 57°; wind 30-50 m.p.h. Six observers in 3 parties. Total party-hours, 33 (3 on foot, 30 by car); total party-miles, 40 (5 on foot, 35 by car). ► Great Blue Heron, 5; Gadwall, 6; Pintail, 1; Green-winged Teal, 5; Am. Widgeon, 5; Ring-necked Duck, 1; Canvasback, 1; Lesser Scaup, 10; Turkey Vulture, 6; Black Vulture, 65; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 4; Swainson's Hawk, 2; Harris' Hawk, 21; Marsh Hawk, 43; Sparrow Hawk, 6; Bobwhite, 20; Scaled Quail, 124; Sandhill Crane, 25; Sora, 2; Common Gallinule, 2; Am. Coot, 10; Killdeer, 5; Common Snipe, 1; Spotted Sandpiper, 2; Greater Yellowlegs, 4; Least Sandpiper, 5; Mourning Dove, 1200; Ground Dove, 4; Inca Dove, 1; Roadrunner, 9; Barn Owl, 1; Screech Owl, 3; Great Horned Owl, 2; Burrowing Owl, 1; Belted Kingfisher, 2; Yellow-shafted Flicker, 1; Red-shafted Flicker, 1; Golden-fronted Woodpecker, 4; Ladder-backed Woodpecker, 8; Eastern Phoebe, 1; Black Phoebe, 1; Say's Phoebe, 8; Vermilion Flycatcher, 1; Horned Lark, 120; White-necked Raven, 150; Black-crested Titmouse, 2; Verdin, 9; Bewick's Wren, 4; Cactus Wren, 7; Mockingbird, 33; Brown Thrasher, 1; Curve-billed Thrasher, 9; Robin, 1; Blue-gray Gnatcatcher, 2; Ruby-crowned Kinglet, 1; Water Pipit, 25; Cedar Waxwing, 84; Loggerhead Shrike, 13; Starling, 1; Bell's Vireo, 1 [no details, not underlined as noteworthy—ED.]; Myrtle Warbler, 16; House Sparrow, 50; Western Meadowlark, 181; Redwinged Blackbird, 1000; Brewer's Blackbird, 2000; Boat-tailed Grackle, 416; Brown-headed Cowbird, 200; Cardinal, 100; Pyrrhuloxia, 162; House Finch, 65; Olive Sparrow, 1; Lark Bunting, 173; Savannah Sparrow, 6; Vesper Sparrow, 7; Black-throated Sparrow, 26; Clay-colored Sparrow, 1; White-crowned Sparrow, 334; Lincoln's Sparrow, 1; Song Sparrow, 9. **Total,** 81 species; about 6842 individuals. (Seen in area count period, but not on count day: Black-headed Oriole.)—Mrs. L. D. Booker, Mrs. Royce A. Drake, Mrs. Harvey Hall, Mrs. Jack Keisling, Jack Keisling, Dorothy O. Worrell (compiler).

489. Eastern Travis County, Tex. (all points within a 15-mile diameter circle, center 7 miles ESE of State Capitol Building as last year).—Dec. 26; 5 a.m. to 11:59 p.m. Overcast to partly cloudy; temp. 62° to 70°; wind SSE, 11-15 m.p.h. Thirteen observers in 6 parties. Total party-hours, 62 (28 on foot, 34 by car); total party-miles, 303 (21 on foot, 282 by car). ► Eared Grebe, 6; Pied-billed Grebe, 4; Double-crested Cormorant, 1; Great Blue Heron, 6; Canada Goose, 4; Snow Goose, 1; Blue Goose, 1; **Black Duck, 1** (carefully identified); Gadwall, 65; Pintail, 51; Green-winged Teal, 46; Cinnamon Teal, 20; Am. Widgeon, 7; Shoveler, 39; Redhead, 3; Ring-necked Duck, 3; Canvasback, 5; Lesser Scaup, 362; **Common Goldeneye, 1** (present weeks); Bufflehead, 1; Ruddy Duck, 32; Turkey Vulture, 121; Black Vulture, 29; Sharp-shinned Hawk, 1; Cooper's Hawk, 4; Red-tailed Hawk, 41; Red-shouldered Hawk, 7; **Swainson's Hawk, 2** (directly overhead); Harris' Hawk, 2; **Golden Eagle, 1;** Marsh Hawk, 23; Caracara, 6; Peregrine Falcon, 1; Sparrow Hawk, 113; Bobwhite, 30; Am. Coot, 26; Killdeer, 130; Common Snipe, 4; Spotted Sandpiper, 2; Greater Yellowlegs, 16; Least Sandpiper, 5; Herring Gull, 2; Ring-billed Gull, 119; Mourning Dove, 480; Ground Dove, 3; Inca Dove, 28; Roadrunner, 2; Barn Owl, 2; Screech Owl, 4; Great Horned Owl, 4; Burrowing Owl, 3; Belted Kingfisher, 6; Yellow-shafted Flicker, 32; Red-shafted Flicker, 4; flicker (sp.), 12; Red-bellied Woodpecker, 37; Golden-fronted Woodpecker, 11; Yellow-bellied Sapsucker, 4; Downy Woodpecker, 13; Ladder-backed Woodpecker, 21; Eastern Phoebe, 8; Say's Phoebe, 1; Vermilion Flycatcher, 1; Horned Lark, 142; Blue Jay, 82; Common Crow, 281; Carolina Chickadee, 39; Black-crested Titmouse, 57; Verdin, 5; Brown Creeper, 6; House Wren, 13; Winter Wren, 1; Bewick's Wren, 55; Carolina Wren, 16; Cañon Wren, 2; Mockingbird, 182; Robin, 152; Hermit Thrush, 6; Eastern Bluebird, 52; Blue-gray Gnatcatcher, 5; Golden-crowned Kinglet, 9; Ruby-crowned Kinglet, 28; Water Pipit, 343; Cedar Waxwing, 18; Loggerhead Shrike, 78; Starling, 1884; Orange-crowned Warbler, 2; Myrtle Warbler, 45; Yellowthroat, 2; House Sparrow, 1218; Western Meadowlark, 10; meadowlark (sp.), 1215; **Yellow-headed Blackbird, 2** (seen well); Redwinged Blackbird, 235; **Rusty Blackbird, 25** (present weeks); Brewer's Blackbird, 555; Boat-tailed Grackle, 2900; Brown-headed Cowbird, 1709; Cardinal, 161; Purple Finch, 8; House Finch, 30; Am. Goldfinch, 68; Rufous-sided Towhee, 8; Lark Bunting, 19; Savannah Sparrow, 113; Vesper Sparrow, 106; Lark Sparrow, 151; Black-throated Sparrow, 2; Slate-colored Junco, 63; Chipping Sparrow, 1; Field Sparrow, 29; Harris' Sparrow, 54; White-crowned Sparrow, 338; White-throated Sparrow, 56; Fox Sparrow, 1; Lincoln's Sparrow, 52;

Song Sparrow, 18. **Total,** 115 species; about 14,672 individuals.—Rose M. Elliott, Mrs. L. T. Hill, Margaret Louise Hill, Edgar B. Kincaid, Jr., Mr. and Mrs. William J. Lawson, Mary Anne McClendon, Frank Oatman, Jr., John Louis Rowlett, Rose Ann Rowlett, Mrs. Henry J. Thaxton, Ada Marie Webster, Fred S. Webster, Jr. (compiler).

490. El Paso, Tex. (all points within a 15-mile diameter circle, center on Scenic Drive on Mount Franklin, including Boy Scout Camp, Randel's Pool, Rio Grande River levee and valley, McKelligon's Canyon, Ascarate Lake, Memorial Park, Peyton stockyards; thickets of mesquite, wild olive, cottonwood 10%, bosques and river levees 15%, farms 25%, stock pens 6%, sand hills 15%, lake 8%, parks 4%, canyon 17%).—Jan. 2; 6:30 a.m. to 5 p.m. Partially cloudy to clear; temp. 32° to 44°; wind WNW, 10-25 m.p.h. Nine observers in 5 parties. Total party-hours, 42 (15 on foot, 27 by car); total party-miles, 284 (23 on foot, 261 by car). ► Western Grebe, 1; Pied-billed Grebe, 12; Mallard, 9; Gadwall, 57; Pintail, 6; Green-winged Teal, 36; Am. Widgeon, 179; Shoveler, 5; Redhead, 1; Canvasback, 42; Lesser Scaup, 12; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 7; Marsh Hawk, 11; Sparrow Hawk, 33; Scaled Quail, 13; Gambel's Quail, 36; Am. Coot, 56; Killdeer, 86; Common Snipe, 13; Least Sandpiper, 80; Mourning Dove, 135; Roadrunner, 6; Long-eared Owl, 1; Belted Kingfisher, 6; Red-shafted Flicker, 26; Ladder-backed Woodpecker, 3; Eastern Phoebe, 2; Black Phoebe, 4; Say's Phoebe, 5; Verdin, 16; Bewick's Wren, 1; Cactus Wren, 6; Long-billed Marsh Wren, 3; Cañon Wren, 1; Rock Wren, 6; Mockingbird, 5; Brown Thrasher, 1; Crissal Thrasher, 9; Robin, 12; Hermit Thrush, 2; Western Bluebird, 10; Mountain Bluebird, 71; Ruby-crowned Kinglet, 15; Water Pipit, 187; Cedar Waxwing, 30; Phainopepla, 1; Loggerhead Shrike, 24; Starling, 385; Audubon's Warbler, 113; House Sparrow, 1218; Western Meadowlark, 126; Yellow-headed Blackbird, 5050; Redwinged Blackbird, 487; Brewer's Blackbird, 10,232; Boat-tailed Grackle, 1401; Brown-headed Cowbird, 1001; Pyrrhuloxia, 4; House Finch, 81; Lesser Goldfinch, 15; Green-tailed Towhee, 7; Rufous-sided Towhee, 1; Savannah Sparrow, 1; Vesper Sparrow, 1; Black-throated Sparrow, 16; Oregon Junco, 51; Gray-headed Junco, 103; Chipping Sparrow, 3; Black-chinned Sparrow, 1; White-crowned Sparrow, 783; Song Sparrow, 13. **Total,** 72 species; about 22,378 individuals.—LuVenia Arnold, Roy Fisk (compiler), Mr. and Mrs. D. T. Johnson, Mary Belle Keefer, Dwight R. Lee, Mrs. J. C. McClintock, Richard D. Porter, Lilla Thomas.

491. Fort Worth, Tex. (all points within a 15-mile diameter circle, center at Federal Fish Station, including Lake Worth area, Rockwood, Trinity, and Forest Parks).—Jan. 2; 7:30 a.m. to 5 p.m. Drizzling a.m., clear p.m.; temp. 35° to 55°; wind NW, 10-15 m.p.h. Twenty observers in 5 parties. Total party-hours, 46 (22 on foot, 24 by car); total party-miles, 170 (28 on foot, 142 by car). ► Pied-billed Grebe, 14; Great Blue Heron, 2; **Whistling Swan, 2**; Mallard, 16; Pintail, 10; Green-winged Teal, 1; Am. Widgeon, 49; Lesser Scaup, 96; Bufflehead, 2; **Oldsquaw, 1** (carefully identified); Ruddy Duck, 1; Turkey Vulture, 165; Black Vulture, 1; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 5; Marsh Hawk, 3; Sparrow Hawk, 22; Bobwhite, 7; Am. Coot, 86; Killdeer, 37; Common Snipe, 18; Lesser Yellowlegs, 1; Least Sandpiper, 119; Herring Gull, 1; Ring-billed Gull, 13; Mourning Dove, 26; Roadrunner, 2; Barred Owl, 2; Belted Kingfisher, 5; Yellow-shafted Flicker, 47; Red-shafted Flicker, 2; Red-bellied Woodpecker, 38; Yellow-bellied Sapsucker, 9; Hairy Woodpecker, 9; Downy Woodpecker, 38; Ladder-backed Woodpecker, 1; Eastern Phoebe, 2; Blue Jay, 89; Common Crow, 46; Carolina Chickadee, 88; Tufted Titmouse, 46; White-breasted Nuthatch, 3; Red-breasted Nuthatch, 1; Brown Creeper, 14; House Wren, 2; Bewick's Wren, 7; Carolina Wren, 29; Long-billed Marsh Wren, 1; Mockingbird, 83; Brown Thrasher, 11; Robin, 55; Hermit Thrush, 1; Eastern Bluebird, 50; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 9; Water Pipit, 2; Cedar Waxwing, 146; Loggerhead Shrike, 15; Starling, 1544; Orange-crowned Warbler, 2; Myrtle Warbler, 6; **Audubon's Warbler, 1**; Pine Warbler, 2; Yellowthroat, 3; House Sparrow, 422; Eastern Meadowlark, 525; Redwinged Blackbird, 1475; Rusty Blackbird, 13; Boat-tailed Grackle, 2; Common Grackle, 26; Brown-headed Cowbird, 302; Cardinal, 167; Purple Finch, 12; Am. Goldfinch, 302; Rufous-sided Towhee, 42; Savannah Sparrow, 2; Slate-colored Junco, 269; Oregon Junco, 2; Field Sparrow, 93; Harris' Sparrow, 99; White-crowned Sparrow, 7; White-throated Sparrow, 38; Fox Sparrow, 6; Lincoln's Sparrow, 6; Song Sparrow, 35. **Total,** 86 species; about 6959 individuals. (Seen in area count period, but not on count day: Redhead, Ring-necked Duck, Red-shouldered Hawk, Red-headed Woodpecker.)—Harold Allen, Mrs. Robert H. Bowman, Mr. and Mrs. Timothy Dunn, J. A. Graves, Mrs. Lena Harden, Mr. and Mrs. Robert Hardwicke, C. E. Kiblinger, Mr. and Mrs. C. L. Moran, Cathy and Henry Oliver, Mrs. G. W. Parker, Jr., Mr. and Mrs. Stephen Passmore, Warren Pulich (compiler), Warren Pulich, Jr., Mrs. Wade Smith, Doris Welborn (Fort Worth Audubon Society).

492. Freeport, Tex. (all points within a 15-mile diameter circle, center where 29th parallel crosses State Highway 288; deciduous woods 20%, salt marsh and coastal prairie 30%, farmland and scrub 25%, urban 5%, open gulf 5%, fresh water and marsh 15%).—Dec. 27; 5:45 a.m. to 6:30 p.m. Rain till 9:30 a.m., clear p.m.; temp. 47° to 68°; wind NW, 13 m.p.h. Thirteen observers in 4 parties. Total party-hours, 46 (33 on foot, 13 by car); total party-miles, 135 (9 on foot, 126 by car). ► Pied-billed Grebe, 214; White Pelican, 114; Brown Pelican, 3; Double-crested Cormorant, 9; Anhinga, 20; Great Blue Heron, 40; Little Blue Heron, 26; **Cattle Egret, 2**; Reddish Egret, 3; Common Egret, 56; Snowy Egret, 20; Louisiana Heron, 42; Black-crowned Night Heron, 110; **Least Bittern, 1**; Am. Bittern, 3; White-faced Ibis, 15; White Ibis, 10; **Roseate Spoonbill, 17**; Canada Goose, 74; White-fronted Goose, 57; Snow Goose, 1946; Blue Goose, 481; Mallard, 1; Gadwall, 8; Pintail, 349; Green-winged Teal, 65; Blue-winged Teal, 33; Am. Widgeon, 39; Shoveler, 18; Wood

Duck, 2; Redhead, 3; Ring-necked Duck, **371**; Canvasback, 202; Lesser Scaup, 249; Ruddy Duck, **122**; Turkey Vulture, 91; Black Vulture, 41; Cooper's Hawk, 1; Red-tailed Hawk, 2; Red-shouldered Hawk, 13; White-tailed Hawk, 1; Marsh Hawk, 86; Peregrine Falcon, 1; **Pigeon Hawk, 2**; Sparrow Hawk, 57; Bobwhite, 15; Sandhill Crane, 9; King Rail, 1; Clapper Rail, 3; Sora, 4; Common Gallinule, 17; Am. Coot, 8970; Semipalmated Plover, 27; Killdeer, 164; Black-bellied Plover, 26; Common Snipe, 2; Long-billed Curlew, 71; Spotted Sandpiper, 4; **Solitary Sandpiper, 2**; Willet, 18; Greater Yellowlegs, 4; Lesser Yellowlegs, 15; Least Sandpiper, 26; Dunlin, 38; Long-billed Dowitcher, 1; dowitcher (sp.), 12; Semipalmated Sandpiper, 63; Western Sandpiper, 3; Sanderling, 56; Am. Avocet, 6; Herring Gull, 179; Ring-billed Gull, 586; Laughing Gull, 318; **Franklin's Gull, 12** (all field marks); Bonaparte's Gull, 2; Gull-billed Tern, 2; Forster's Tern, 27; Common Tern, 3; Royal Tern, 14; Caspian Tern, 32; Mourning Dove, 84; Ground Dove, 1; Barn Owl, 1; Great Horned Owl, 5; Barred Owl, 5; **Chuck-will's-widow, 1** (seen well); Belted Kingfisher, 31; Yellow-shafted Flicker, 29; Pileated Woodpecker, 5; Red-bellied Woodpecker, 13; Yellow-bellied Sapsucker, 9; Downy Woodpecker, 4; Eastern Phoebe, 42; Vermilion Flycatcher, 15; Horned Lark, 7; Tree Swallow, 5; Rough-winged Swallow, 20; Blue Jay, 5; Common Crow, 39; Carolina Chickadee, 45; Tufted Titmouse, 44; Brown Creeper, 1; House Wren, 10; Carolina Wren, 23; Long-billed Marsh Wren, 8; Short-billed Marsh Wren, 2; Mockingbird, 50; Brown Thrasher, 20; Robin, 2419; Hermit Thrush, 7; Eastern Bluebird, 43; Blue-gray Gnatcatcher, 98; Golden-crowned Kinglet, 6; Ruby-crowned Kinglet, 93; Water Pipit, 233; Sprague's Pipit, 2; Cedar Waxwing, 30; Loggerhead Shrike, 50; Starling, 10,000; Solitary Vireo, 7; Orange-crowned Warbler, 35; Myrtle Warbler, 32; **Audubon's Warbler, 1** (all field marks); **Kentucky Warbler, 1** (carefully identified—C.A.); Pine Warbler, 26; Palm Warbler, **15**; Yellowthroat, 27; **Yellow-breasted Chat, 1**; Wilson's Warbler, 4; House Sparrow, 76; Eastern Meadowlark, 183; Redwinged Blackbird, 7193; Brewer's Blackbird, 440; Boat-tailed Grackle, 183; Common Grackle, 558; Brown-headed Cowbird, 1755; Cardinal, 87; Purple Finch, 1; Am. Goldfinch, 473; Rufous-sided Towhee, 2; Savannah Sparrow, 58; Grasshopper Sparrow, 1; Vesper Sparrow, 8; Chipping Sparrow, 6; Field Sparrow, 23; White-throated Sparrow, 74; Lincoln's Sparrow, 35; Swamp Sparrow, 18; Song Sparrow, 1. **Total,** 148 species; about 40,681 individuals. (Seen in area count period, but not on count day: **Fulvous Tree Duck.**)—Carl H. Aiken, Paul Corneil, Hardin Craig, Jr., Victor L. Emanuel (compiler), Trevor B. Feltner, Bill Risser, Clinton Snyder, Linda Snyder, George G. Williams, Steve Williams, Mr. and Mrs. E. R. Wright.

493. Friona, Tex. (all points within 320 acres located 12 miles southwest of Friona; bare ground 55%, stubble 27%, pasture 6%, wheat 8%, alfalfa 4%).—Dec. 23; 7:30 a.m. to 5:30 p.m.; temp. 25° to 50°; wind NW to SW, 5 m.p.h. Two observers in 1 party. Total party-hours, 10 (9 on foot, 1 by car); total party-miles, 18 (15 on foot, 3 by car). ► Marsh Hawk, 6; Sparrow Hawk, 1; Mourning Dove, 6; Horned Lark, 667; Loggerhead Shrike, 1; Starling, 6; House Sparrow, 250; Western Meadowlark, 131; Savannah Sparrow, 58; Oregon Junco, 39; White-crowned Sparrow, 5. **Total,** 11 species; about 1170 individuals.—Carroll Littlefield (compiler), Mrs. John Littlefield.

494. Houston, Tex. (all points within a 15-mile diameter circle, center ¾ mile west of town of Cedar Bayou on Bob Smith Road).—Jan. 2; 4:45 a.m. to 5:45 p.m. Rain until 2 p.m., overcast thereafter; temp. 53° to 58°; wind S to NW, 10-20 m.p.h. Fifty-two observers in 11 parties. Total party-hours, 110 (80 on foot, 27 by car, 3 by boat); total party-miles, 295 (55 on foot, 220 by car, 20 by boat). ► Common Loon, 2; Eared Grebe, 1; Pied-billed Grebe, 72; White Pelican, 1139; Double-crested Cormorant, 11; Great Blue Heron, 77; **Green Heron, 1**; Little Blue Heron, 5; Common Egret, 113; Snowy Egret, 76; Louisiana Heron, 48; Black-crowned Night Heron, 143; Yellow-crowned Night Heron, 2; Am. Bittern, 1; Canada Goose, 45; White-fronted Goose, 60; Snow Goose, 60; Blue Goose, 16; Mallard, 5; Mottled Duck, 2; Gadwall, 30; Pintail, 367; Green-winged Teal, 75; Blue-winged Teal, 3; Shoveler, 1; Wood Duck, 19; Canvasback, 5150; Lesser Scaup, 6133; Common Goldeneye, 3; Ruddy Duck, 88; **Hooded Merganser, 5** (A.M.); Red-breasted Merganser, 2; Turkey Vulture, 50; Black Vulture, 56; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 40 (1 Krider's); Red-shouldered Hawk, 34; **Rough-legged Hawk, 1** (all field marks); Marsh Hawk, 98; Caracara, 1; Sparrow Hawk, 149; Bobwhite, 52; Clapper Rail, 3; Sora, 10; Common Gallinule, 1; Am. Coot, 415; Semipalmated Plover, 1; Killdeer, 559; Black-bellied Plover, 19; Am. Woodcock, 1; Common Snipe, 44; Long-billed Curlew, 1; Spotted Sandpiper, 10; Willet, 2; Greater Yellowlegs, 19; Lesser Yellowlegs, 11; Least Sandpiper, 16; Dunlin, 90; dowitcher (sp.), 60; Semipalmated Sandpiper, 135; Western Sandpiper, 145; Sanderling, 51; Herring Gull, 58; Ring-billed Gull, 1962; Laughing Gull, 1105; Bonaparte's Gull, 4; Gull-billed Tern, 22; Forster's Tern, 897; Common Tern, 4; **Least Tern, 2** (all field marks—Morians); Royal Tern, 59; Caspian Tern, 43; Mourning Dove, 430; **Yellow-billed Cuckoo, 1** (4 observers); **Groove-billed Ani, 1** (all field marks); Barn Owl, 6; Screech Owl, 3; Great Horned Owl, 2; Burrowing Owl, 1; Barred Owl, 14; **Long-eared Owl, 6** (1 flock); Belted Kingfisher, 17; Yellow-shafted Flicker, 84; Pileated Woodpecker, 9; Red-bellied Woodpecker, 29; Red-headed Woodpecker, 6; Yellow-bellied Sapsucker, 42; Downy Woodpecker, 11; Eastern Phoebe, 66; Vermilion Flycatcher, 2; Horned Lark, 2; Blue Jay, 127; Common Crow, 80; Carolina Chickadee, 89; Tufted Titmouse, 50; Brown-headed Nuthatch, 7; Brown Creeper, 9; House Wren, 51; Winter Wren, 1; Carolina Wren, 93; Long-billed Marsh Wren, 3; Short-billed Marsh Wren, 25; Mockingbird, 474; Catbird, 3; Brown Thrasher, 200; Robin, 15,916; Hermit Thrush, 21; Eastern Bluebird, 112; Blue-gray Gnatcatcher, 238; Golden-crowned Kinglet, 43; Ruby-crowned Kinglet, 252; Water Pipit, 512; Sprague's Pipit, 8; Cedar Waxwing, 559; Loggerhead Shrike,

281; Starling, 5278; Solitary Vireo, 8; Orange-crowned Warbler, 58; Myrtle Warbler, 86; **Yellow-throated Warbler, 1** (seen well); Pine Warbler, 77; Palm Warbler, 1; House Sparrow, 20; Eastern Meadowlark, 481; Redwinged Blackbird, 4463; **Bullock's Oriole, 1**; **Rusty Blackbird, 15**; Brewer's Blackbird, 1515; Boat-tailed Grackle, 2425; Common Grackle, 1593; Brown-headed Cowbird, 3250; Cardinal, 394; **Indigo Bunting, 1**; Purple Finch, 10; Pine Siskin, 1; Am. Goldfinch, 1775; **Green-tailed Towhee, 2** (good study); Rufous-sided Towhee, 12; Savannah Sparrow, 302; Grasshopper Sparrow, 1; Le Conte's Sparrow, 1; Seaside Sparrow, 12; Vesper Sparrow, 131; Lark Sparrow, 7; Slate-colored Junco, 30; **Oregon Junco, 1**; Chipping Sparrow, 15; Field Sparrow, 25; Harris' Sparrow, 2; White-crowned Sparrow, 132; White-throated Sparrow, 527; Fox Sparrow, 2; Lincoln's Sparrow, 100; Swamp Sparrow, 65; Song Sparrow, 32. **Total,** 155 species (1 additional race); about 62,729 individuals.—Carl Aiken, Jerry Baker, Bess Barbare, Walter Barbare (compiler), L. Barnette, Mrs. L. Barnette, Sid Barnette, Paul Corneil, Mrs. Henry Corey, Nance Cunningham, Mabel Deshaves, Ernest P. Edwards, Mrs. Ernest P. Edwards, Vic Emanual, Trevor Feltner, Clayton Gillman, Edna Haver, Joe Heiser, Henry Hoffman, Louise Hoffman, Harold Irby, S. G. Kershaer, Mrs. S. G. Kershaer, Charles McIntyre, Arlie McKay, Paul Miller, Edna Miller, Frazier Morian, Nancy Morian, Henry Hendorf, John Oneil, Virginia Parker, Ralph Peterson, Bill Pettit, Mrs. Bill Pettit, Carolyn Simmons, Robert Simpson, Jack Smith, Thelma Smith, Clinton Snyder, Drew Snyder, Mrs. J. A. Snyder, Leota Stilwell, Jerry Strickling, Nancy Strickling, W. Switzer, Lawrence Tabony, Katrina Thompson, Steve Williams, Josephine Wilkins, Ella Wolfer, Helen Wolfer.

495. Huntsville, Tex. (all points within a 15-mile diameter circle, center Sam Houston State Teachers College, including Museum Park, Fish Hatchery area, Airport area, Nursery Road).—Jan. 2; 8:30 a.m. to 5 p.m. Cloudy, sprinkles of rain; temp. 45° to 50°; wind N to NE, 0-10 m.p.h. Three observers in 1 party. Total party-hours, 15½ (7½ on foot, 8 by car); total party-miles, 102 (8 on foot, 94 by car). ► Great Blue Heron, 1; Turkey Vulture, 15; Sparrow Hawk, 6; Killdeer, 17; Mourning Dove, 71; Belted Kingfisher, 2; Yellow-shafted Flicker, 21; Red-bellied Woodpecker, 3; Yellow-bellied Sapsucker, 1; Downy Woodpecker, 3; Blue Jay, 34; Common Crow, 24; Carolina Chickadee, 7; Tufted Titmouse, 4; Carolina Wren, 8; Mockingbird, 11; Brown Thrasher, 2; Robin, 69; Eastern Bluebird, 28; Golden-crowned Kinglet, 1; Ruby-crowned Kinglet, 6; Water Pipit, 40; Cedar Waxwing, 7; Loggerhead Shrike, 5; Myrtle Warbler, 11; Pine Warbler, 1; House Sparrow, 11; Eastern Meadowlark, 37; Brown-headed Cowbird, 260; Cardinal, 41; Purple Finch, 1; Pine Siskin, 5; Am. Goldfinch, 609; Vesper Sparrow, 1; Lark Sparrow, 4; Slate-colored Junco, 15; Chipping Sparrow, 12; Field Sparrow, 15; White-throated Sparrow, 3. **Total,** 39 species; about 1412 individuals. (Seen in area count period, but not on count day: Am. Woodcock.)—Mrs. J. E. Casstevens (compiler), Emma Normand, S. R. Warner.

496. Karnack, Tex. (all points within a 15-mile diameter circle, center 1 mile northeast of east entrance to Caddo Lake State Park as last year, including all of Caddo Lake lying within Texas, Carter and Clinton Lakes, Beers Caddo Lake Airfield, Leigh, Karnack, Baldwin, Smithland Gay Assembly; Longhorn Ordinance Works property not included).—Dec. 30; 4:30 a.m. to 5 p.m. Cloudy; temp. 38° to 56°; wind NNW, 0-9 m.p.h. Seven observers in 3 parties. Total party-hours, 30 (13 on foot, 17 by car); total party-miles, 209 (13 on foot, 196 by car). ► Great Blue Heron, 2; Wood Duck, 2; Lesser Scaup, 4; Turkey Vulture, 43; Black Vulture, 17; Cooper's Hawk, 3; Red-tailed Hawk, 4; Red-shouldered Hawk, 7; Marsh Hawk, 2; Sparrow Hawk, 1; Bobwhite, 17; Killdeer, 5; Mourning Dove, 73; Barred Owl, 3; Belted Kingfisher, 3; Yellow-shafted Flicker, 66; Pileated Woodpecker, 18; Red-bellied Woodpecker, 32; Red-headed Woodpecker, 2; Yellow-bellied Sapsucker, 7; Hairy Woodpecker, 4; Downy Woodpecker, 12; Eastern Phoebe, 5; Blue Jay, 146; Common Crow, 303; Carolina Chickadee, 46; Tufted Titmouse, 29; White-breasted Nuthatch, 11; Red-breasted Nuthatch, 6; Brown-headed Nuthatch, 11; Brown Creeper, 4; Winter Wren, 3; Bewick's Wren, 3; Carolina Wren, 28; Mockingbird, 72; Brown Thrasher, 15; Robin, 170; Hermit Thrush, 7; Eastern Bluebird, 40; Golden-crowned Kinglet, 56; Ruby-crowned Kinglet, 43; Loggerhead Shrike, 27; Starling, 696; Myrtle Warbler, 28; Pine Warbler, 21; House Sparrow, 98; Eastern Meadowlark, 185; Redwinged Blackbird, 740; Rusty Blackbird, 275; Brewer's Blackbird, 70; Common Grackle, 2800; Brown-headed Cowbird, 142; Cardinal, 134; Am. Goldfinch, 210; Rufous-sided Towhee, 12; Savannah Sparrow, 3; Vesper Sparrow, 1; Slate-colored Junco, 1276; **Oregon Junco, 1** (all field marks); **Tree Sparrow, 4** (4 observers); Chipping Sparrow, 5; Field Sparrow, 140; Harris' Sparrow, 6; White-crowned Sparrow, 6; White-throated Sparrow, 845; Fox Sparrow, 14; Lincoln's Sparrow, 15; Swamp Sparrow, 6; Song Sparrow, 137. **Total,** 69 species; about 9222 individuals.—Mrs. Vera Allan, Mrs. R. H. Armstrong, John Arvin, J. P. Ferrill, A. L. Feser, Mrs. Estelle Feser, Gaddis Taylor (compiler).

497. Laguna Atascosa National Wildlife Refuge, Tex. (all points within a 15-mile diameter circle, center same as last year).—Dec. 27; 6 a.m. to 6 p.m. Broken sky to overcast; temp. 65° to 76°; wind WNW to NNW, 8-27 m.p.h. Sixteen observers in 7 parties. Total party-hours, 68 (25 on foot, 43 by car); total party-miles, 400 (32 on foot, 368 by car). ► Eared Grebe, 14; Pied-billed Grebe, 31; White Pelican, 278; Double-crested Cormorant, 3; Olivaceous Cormorant, 4; Great Blue Heron, 235; Little Blue Heron, 15; Reddish Egret, 156; Common Egret, 46; Snowy Egret, 13; Louisiana Heron, 13; Black-crowned Night Heron, 120; Canada Goose, 1549; White-fronted Goose, 39; Snow Goose, 1064; Blue Goose, 171; Black-bellied Tree Duck, 6 [no details—Ed.]; Fulvous Tree Duck, 5 [no details—Ed.]; Mallard, 1; Mottled Duck, 55; Gadwall, 260; Pintail, 12,887; Green-winged Teal, 34; Blue-winged Teal, 8; Am. Widgeon, 777; Shoveler, 161; Redhead, 112,145; Canvasback, 369; Lesser Scaup, 1671; Bufflehead, 7;

Ruddy Duck, 3802; Turkey Vulture, 92; Black Vulture, 58; Sharp-shinned Hawk, 2; Cooper's Hawk, 3; Red-tailed Hawk, 15; White-tailed Hawk, 1; Ferruginous Hawk, 1; Harris' Hawk, 42; Marsh Hawk, 77; Caracara, 7; Peregrine Falcon, 2; Sparrow Hawk, 103; Bobwhite, 441; Turkey, 44; Sandhill Crane, 32; Virginia Rail, 2; Sora, 2; Am. Coot, 1370; Semipalmated Plover, 7; Piping Plover, 4; Snowy Plover, 11; Wilson's Plover, 6; Killdeer, 51; Mountain Plover, 17 [no details—Ed.]; Black-bellied Plover, 24; Ruddy Turnstone, 7; Common Snipe, 1; Long-billed Curlew, 235; Whimbrel, 4; Spotted Sandpiper, 2; Willet, 96; Greater Yellowlegs, 38; Lesser Yellowlegs, 17; Knot, 31; Least Sandpiper, 53; Dunlin, 119; dowitcher (sp.), 142; Stilt Sandpiper, 3; Semipalmated Sandpiper, 132; Western Sandpiper, 97; Sanderling, **224**; Am. Avocet, 121; Black-necked Stilt, 2; Wilson's Phalarope, 100 (A.J.K.) [no details; highest count in U. S. last year only 1—Ed.]; Herring Gull, 77; Ring-billed Gull, 171; Laughing Gull, 177; Gull-billed Tern, 23; Forster's Tern, 35; Common Tern, 31; Least Tern, 9 [no details—Ed.]; Royal Tern, 10; Caspian Tern, 26; Black Tern, 4 [no details—Ed.]; Mourning Dove, 150; Ground Dove, 24; Inca Dove, 10; White-fronted Dove, 3; Roadrunner, 4; Barn Owl, 4; Screech Owl, 3; Great Horned Owl, 7; Burrowing Owl, 2; Pauraque, 5; Ruby-throated Hummingbird, 1; Belted Kingfisher, 8; Yellow-shafted Flicker, 3; Golden-fronted Woodpecker, 21; Yellow-bellied Sapsucker, 6; Ladder-backed Woodpecker, 12; Eastern Kingbird, 2 [no details—Ed.]; Kiskadee Flycatcher, 21; Eastern Phoebe, 4; Say's Phoebe, 7; Vermilion Flycatcher, 2; Horned Lark, 151; Green Jay, 14; Black-crested Titmouse, 2; Verdin, 3; House Wren, 4; Bewick's Wren, 7; Cactus Wren, 13; Long-billed Marsh Wren, 4; Mockingbird, 419; Long-billed Thrasher, 8; Curve-billed Thrasher, 45; Sage Thrasher, 4; Robin, 45; Hermit Thrush, 1; Blue-gray Gnatcatcher, 12; Ruby-crowned Kinglet, 4; Water Pipit, 18; Loggerhead Shrike, 117; White-eyed Vireo, 5; Solitary Vireo, 2; Orange-crowned Warbler, 24; Myrtle Warbler, 2; Yellow-throated Warbler, 1; Yellowthroat, 12; Am. Redstart, 2; House Sparrow, 67; Eastern Meadowlark, 464; Redwinged Blackbird, 87; Orchard Oriole, 1 [no details—Ed.]; Brewer's Blackbird, 282; Boat-tailed Grackle, 110; Brown-headed Cowbird, 71; Cardinal, 10; Pyrrhuloxia, 9; Am. Goldfinch, 9; Lark Bunting, 2; Olive Sparrow, 3; Savannah Sparrow, 273; Grasshopper Sparrow, 4; Vesper Sparrow, 29; Lark Sparrow, 9; Cassin's Sparrow, 3; Black-throated Sparrow, 16; Clay-colored Sparrow, 1; Field Sparrow, 3; White-crowned Sparrow, 1; Swamp Sparrow, 1. **Total,** 153 species; about 143,013 individuals. —Richard Albert, Ted Austin, L. E. Beaty (compiler), Leslie Beaty, Milton Chandler, Mr. and Mrs. Raymond Fleetwood, C. E. Hudson, Jr., Charles Hudson, III, Frank Johnson, Adolf Krehbiel, Mrs. A. P. Longland, Grant MacNichols, Mr. and Mrs. E. Swedenborg, Terry Word.

498. LaSal Vieja, Tex. (all points within a 15-mile diameter circle, center 3 miles northeast of Hargill; citrus groves 30%, fallow land 25%, brush 12%, cultivated fields 25%, residential 2%, water 6%).—Dec. 31; 6 a.m. to 6:35 p.m. Intermittent rain showers; temp. 65° to 80°; wind NE, 22-24 m.p.h. Eleven observers in 4 parties. Total party-hours, 31 (14 on foot, 11 by car, 6 by boat); total party-miles, 381 (14 on foot, 349 by car, 18 by boat). ► Common Loon, 5; Eared Grebe, **8401**; Least Grebe, 13; Pied-billed Grebe, 6; White Pelican, 49; Olivaceous Cormorant, 252; Anhinga, 20; Great Blue Heron, 84; Green Heron, 1; Little Blue Heron, 1; Common Egret, 63; Snowy Egret, 1; Louisiana Heron, 1; Black-crowned Night Heron, 1; Canada Goose, 13; White-fronted Goose, 101; Mottled Duck, 13; Gadwall, 372; Pintail, 2092; Green-winged Teal, 8; Blue-winged Teal, 27; Am. Widgeon, 103; Shoveler, 10; Redhead, 1; Ring-necked Duck, 15; Canvasback, 5; Lesser Scaup, 4503; Bufflehead, 6; Hooded Merganser, 5; **Common Merganser, 3**; Turkey Vulture, 1; Cooper's Hawk, 2; Red-tailed Hawk, 1; Red-shouldered Hawk, 4; Harris' Hawk, **65**; Marsh Hawk, 131; Caracara, 5; Peregrine Falcon, 1; Sparrow Hawk, 69; Bobwhite, 44; Sandhill Crane, 42; Sora, 3; Am. Coot, 300; Semipalmated Plover, 5; Killdeer, 29; Common Snipe, 11; Long-billed Curlew, 148; Spotted Sandpiper, 3; Greater Yellowlegs, 107; Lesser Yellowlegs, 5; Least Sandpiper, 107; Dunlin, 196; Long-billed Dowitcher, 3; Semipalmated Sandpiper, 4; Western Sandpiper, 260; Herring Gull, 4; Ring-billed Gull, 676; Laughing Gull, 16; Gull-billed Tern, **77**; Forster's Tern, 1; Mourning Dove, 642; Ground Dove, 73; Inca Dove, 19; White-fronted Dove, 2; Roadrunner, 3; Screech Owl, 1; Great Horned Owl, 6; Short-eared Owl, 2; Pauraque, 2; Belted Kingfisher, 2; Golden-fronted Woodpecker, 30; Ladder-backed Woodpecker, 38; Kiskadee Flycatcher, 16; Eastern Phoebe, 12; Say's Phoebe, 7; Vermilion Flycatcher, 13; Green Jay, 4; White-necked Raven, 2; Black-crested Titmouse, 19; Verdin, 11; House Wren, 11; Bewick's Wren, 5; Carolina Wren, 1; Cactus Wren, 7; Long-billed Marsh Wren, 1; Mockingbird, 493; Long-billed Thrasher, 1; Curve-billed Thrasher, 24; Robin, 20; Hermit Thrush, 3; Eastern Bluebird, 1; Blue-gray Gnatcatcher, 31; Ruby-crowned Kinglet, 15; Water Pipit, 35; Loggerhead Shrike, 43; Orange-crowned Warbler, 7; Myrtle Warbler, 30; Audubon's Warbler, 3; Yellow-throated Warbler, 3; Yellowthroat, 7; House Sparrow, 137; Eastern Meadowlark, 108; Redwinged Blackbird, 19; Brewer's Blackbird, 200; Boat-tailed Grackle, 93; Brown-headed Cowbird, 1180; Bronzed Cowbird, 15; Cardinal, 98; Pyrrhuloxia, 98; White-collared Seedeater, 4; Lesser Goldfinch, 3; Olive Sparrow, 1; Green-tailed Towhee, 1; Lark Bunting, 65; Savannah Sparrow, 41; Grasshopper Sparrow, 1; Vesper Sparrow, 43; Lark Sparrow, 46; Black-throated Sparrow, 38; Field Sparrow, 5; White-crowned Sparrow, 26; White-throated Sparrow, 4; Lincoln's Sparrow, 11; Swamp Sparrow, 4; Song Sparrow, 10. **Total,** 125 species; about 22,391 individuals. (Seen in area count period, but not on count day: Whistling Swan, Ruddy Duck, Black Vulture, Scaled Quail, Common Gallinule, Barn Owl, Am. Goldfinch.)—David Blankinship, Maurine Gill, C. Terry Gill, Allan Hayse, Pauline James (compiler), Mr. and Mrs. Luhe McConnell, Dennis Smithgall, Melvin Thompson.

499. Midland, Tex. (all points within a 15-mile diameter circle, center at rodeo grounds on east edge

of town; short grass plains with mesquite thickets 40%, cultivated fields 35%, hackberry and soapberry groves 10%, water 10%, parks and gardens 5%).—Dec. 27; 7:30 a.m. to 6 p.m. Clear; temp. 30° to 49°; wind NW, 14-28 m.p.h.; water open. Six observers in 3 parties. Total party-hours, 25 (3 on foot, 22 by car); total party-miles, 217 (3 on foot, 214 by car). ► Gadwall, 5; Green-winged Teal, 36; Am. Widgeon, 1; Shoveler, 26; Redhead, 4; Canvasback, 2; Lesser Scaup, 4; Cooper's Hawk, 1; Red-tailed Hawk, 3; Ferruginous Hawk, **9** (7 at Prairie Dog town); Harris' Hawk, 1; Marsh Hawk, **75** (largest count record); Sparrow Hawk, 13; Bobwhite, 4; Scaled Quail, 439; Sandhill Crane, 142; Killdeer, 14; Common Snipe, 4; Long-billed Curlew, 74; **Lesser Yellowlegs, 1** (F.W., H.W.); Western Sandpiper, 6; Mourning Dove, 279; Roadrunner, 2; Great Horned Owl, 2; Burrowing Owl, 6; Red-shafted Flicker, 11; **Golden-fronted Woodpecker, 1** (daily since Nov. 21); Ladder-backed Woodpecker, 3; Horned Lark, 262; White-necked Raven, 556; Bewick's Wren, 3; Cactus Wren, 10; Rock Wren, 1; Mockingbird, 15; Curve-billed Thrasher, 13; Sage Thrasher, 1; Robin, 14; Hermit Thrush, 1; Townsend's Solitaire, 1; Ruby-crowned Kinglet, 2; Water Pipit, 88; Cedar Waxwing, 134; Loggerhead Shrike, 52; Starling, 1541; Orange-crowned Warbler, 2; Myrtle Warbler, 32; Audubon's Warbler, 9; House Sparrow, 1134; Western Meadowlark, 525; Redwinged Blackbird, 5; Brewer's Blackbird, 285; Brown-headed Cowbird, 1079; Cardinal, 6; Pyrrhuloxia, 93; House Finch, 23; Am. Goldfinch, 1; Green-tailed Towhee, 1; Brown Towhee, 2; Lark Bunting, **13,512** (special maize field coverage); Savannah Sparrow, 20; Vesper Sparrow, 133; Cassin's Sparrow, 1; Black-throated Sparrow, 3; Slate-colored Junco, 1; Oregon Junco, 64; **Gray-headed Junco, 2** (carefully identified); Field Sparrow, 4; White-crowned Sparrow, 610; **Fox Sparrow, 1** (all field marks); Lincoln's Sparrow, 2; Song Sparrow, 3. **Total,** 71 species; about 21,415 individuals.—Ronnie Fowler, Ola Dublin Haynes, Anne LeSassier, Ellen Sledge, Frances Williams (compiler), Harold Williams.

500. Muleshoe National Wildlife Refuge, Tex. (all points within a 15-mile diameter circle, center Refuge Headquarters; 5809 acre refuge; short grass-mesquite pasture 86%, shallow lakes or dry lake beds 12%, shelterbelt 2%).—Dec. 23; 7:45 a.m. to 5:30 p.m. Clear; temp. 25° to 51°; wind S, 5 m.p.h.; ground dry, lakes open. One observer. Total hours, 9¾ (5¾ on foot, 4 by car); total miles, 23 (3 on foot, 20 by car). ► Canada Goose, 325; Snow Goose, 1; Mallard, 64,800; Pintail, 37,000; Green-winged Teal, 3850; Am. Widgeon, 33,950; Canvasback, 55; Red-tailed Hawk, 5; Rough-legged Hawk, 5; Ferruginous Hawk, 3; Golden Eagle, 5; Marsh Hawk, 13; Sparrow Hawk, 1; Scaled Quail, 139; Sandhill Crane, 18,500; Mourning Dove, 34; Great Horned Owl, 1; Yellow-shafted Flicker, 1; Red-shafted Flicker, 2; Ladder-backed Woodpecker, 2; Horned Lark, 180; Mockingbird, 1; Loggerhead Shrike, 9; Starling, 107; House Sparrow, 175; Western Meadowlark, 74; Redwinged Blackbird, 4; Lark Bun ing, 75; Oregon Junco, 46; White-crowned Sparrow, 5; Song Sparrow, 7. **Total,** 31 species; about 159,375 individuals. (Seen in area count period, but not on count day: Roadrunner, Cactus Wren.)—Wayne E. Gueswel.

501. Nacogdoches, Tex. (all points within a 15-mile diameter circle, center same as in 1958).—Dec. 26; 7:30 a.m. to 5:30 p.m. Overcast, some rain; temp. 50° to 51°; wind SE, 0-5 m.p.h.; .17-in. rainfall. Two observers in 1 party. Total party-hours, 10 (8 on foot, 2 by car); total party-miles, 43 (4 on foot, 39 by car). ► Pied-billed Grebe, 1; Turkey Vulture, 22; Black Vulture, 2; Red-shouldered Hawk, 1; Sparrow Hawk, 2; Bobwhite, 7; Killdeer, 5; Common Snipe, 1; Mourning Dove, 35; Belted Kingfisher, 3; Yellow-shafted Flicker, 29; Pileated Woodpecker, 1; Red-bellied Woodpecker, 7; Yellow-bellied Sapsucker, 8; Hairy Woodpecker, 1; Downy Woodpecker, 4; Eastern Phoebe, 4; Blue Jay, 44; Common Crow, 29; Carolina Chickadee, 15; Tufted Titmouse, 15; House Wren, 1; Carolina Wren, 20; Mockingbird, 14; Brown Thrasher, 20; Robin, 62; Hermit Thrush, 3; Eastern Bluebird, 34; Golden-crowned Kinglet, 3; Ruby-crowned Kinglet, 13; Cedar Waxwing, 74; Loggerhead Shrike, 6; Starling, 256; Myrtle Warbler, 4; Pine Warbler, 9; House Sparrow, 7; Eastern Meadowlark, 57; Redwinged Blackbird, 580; Common Grackle, 4110; Brown-headed Cowbird, 495; Cardinal, 54; Am. Goldfinch, 19; Rufous-sided Towhee, 7; Savannah Sparrow, 10; Slate-colored Junco, 31; Chipping Sparrow, 21; Field Sparrow, 7; White-throated Sparrow, 94; Fox Sparrow, 5; Lincoln's Sparrow, 1; Song Sparrow, 9. **Total,** 51 species; about 6262 individuals. (Seen in area count period, but not on count day: Bewick's Wren, Vesper Sparrow.)—Carrie Holcomb, W. C. Royall, Jr. (compiler).

502. Odessa, Tex. (all points within a 15-mile diameter circle, center at junction of Farm Road 1788 and first paved road south of U. S. 80; chaparral 60%, short grass plains 30%, water 5%, cultivated fields 5%).—Dec. 23; 8 a.m. to 6 p.m. Clear; temp. 38° to 60°; wind N, 9 m.p.h. Four observers in 1-2 parties. Total party-hours, 14 (3 on foot, 11 by car); total party-miles, 71 (3 on foot, 68 by car). ► Red-tailed Hawk, 5; Rough-legged Hawk, 1; Ferruginous Hawk, 3; Harris' Hawk, 9; Marsh Hawk, 49; Sparrow Hawk, 6; Scaled Quail, 129; Sandhill Crane, 12; Killdeer, 79; Common Snipe, 25; Mourning Dove, 126; Great Horned Owl, 2; Red-shafted Flicker, 2; Ladder-backed Woodpecker, 16; Horned Lark, 114; Verdin, 2; Bewick's Wren, 2; Cactus Wren, **53**; Mockingbird, 15; Curve-billed Thrasher, 24; Robin, 11; Water Pipit, 5; Loggerhead Shrike, 71; Starling, 34; House Sparrow, 169; Western Meadowlark, 108; Redwinged Blackbird, 241; Brewer's Blackbird, 48; Brown-headed Cowbird, 1489; Cardinal, 1; Pyrrhuloxia, 78; House Finch, 2; Am. Goldfinch, 4; Green-tailed Towhee, 5; Lark Bunting, 489; Savannah Sparrow, 11; Vesper Sparrow, 17; Cassin's Sparrow, 3; Black-throated Sparrow, 4; Slate-colored Junco, 1; Oregon Junco, 10; Field Sparrow, 9; White-crowned Sparrow, 518; Lincoln's Sparrow, 4; Chestnut-collared Longspur, 17. **Total,** 45 species; about 4023 individuals.—Ola Dublin Haynes, June Kingon, Anne LeSassier, Frances Williams (compiler).

503. Palmetto State Park, Tex. (all points within a 5-mile diameter circle, center on refectory in park as last year).—Jan. 3; 7:45 a.m. to 5:45 p.m. Scattered clouds; temp. 37° to 41°; wind N to NE, 5-7 m.p.h.; ground wet. Four observers in 1 party. Total party-hours, 10 (5 on foot, 5 by car); total party-miles, 28 (3 on foot, 25 by car). ► Pied-billed Grebe, 4; Great Blue Heron, 4; Turkey Vulture, 271; Cooper's Hawk, 2; Red-tailed Hawk, 4; Red-shouldered Hawk, 9; Marsh Hawk, 2; Sparrow Hawk, 9; Bobwhite, 2; Am. Coot, 1; Killdeer, 39; Common Snipe, 1; Mourning Dove, 77; Ground Dove, 3; Inca Dove, 2; Roadrunner, 1; Barred Owl, 4; Belted Kingfisher, 3; Yellow-shafted Flicker, 4; Red-bellied Woodpecker, 14; Golden-fronted Woodpecker, 7; Yellow-bellied Sapsucker, 11; Downy Woodpecker, 10; Ladder-backed Woodpecker, 9; Eastern Phoebe, 8; Say's Phoebe, 1 (seen at leisure); Horned Lark, 4; Blue Jay, 2; Common Crow, 78; Carolina Chickadee, 68; Tufted Titmouse, 25; Brown Creeper, 1; House Wren, 3; Bewick's Wren, 25; Carolina Wren, 33; Mockingbird, 80; Brown Thrasher, 9; Robin, 212; Hermit Thrush, 18; Eastern Bluebird, 23; Blue-gray Gnatcatcher, 5; Golden-crowned Kinglet, 9; Ruby-crowned Kinglet, 58; Cedar Waxwing, 30; Loggerhead Shrike, 8; Starling, 325; **White-eyed Vireo, 1** (seen well); Orange-crowned Warbler, 14; Myrtle Warbler, 40; Pine Warbler, 4; Yellowthroat, 4; House Sparrow, 22; Western Meadowlark, 7; meadowlark (sp.), 55; Redwinged Blackbird, 443; Brown-headed Cowbird, 43; Cardinal, 247; **Pyrrhuloxia, 1** (good view); Am. Goldfinch, 51; Rufous-sided Towhee, 20; Savannah Sparrow, 3; Vesper Sparrow, 16; Lark Sparrow, 1; Slate-colored Junco, 25; Field Sparrow, 59; Harris' Sparrow, 20; White-crowned Sparrow, 21; White-throated Sparrow, 217; Fox Sparrow, 36; Lincoln's Sparrow, 12; Song Sparrow, 11. **Total,** 70 species; about 2891 individuals.—John Louis Rowlett, Rose Ann Rowlett, Ada Marie Webster, Fred S. Webster, Jr. (compiler).

504. San Antonio, Tex. (all points within a 15-mile diameter circle, center at Woodlawn Lake; brushland 35%, riverbottom 20%, artificial lakes and ponds 5%, cultivated fields 20%, flood basin 2%, Live Oak-juniper forest 10%, deciduous woodland 8%).—Dec. 27; 7 a.m. to 6 p.m. Clear; temp. 40° to 60°; wind NW, 18-20 m.p.h. Twenty observers in 5 parties. Total party-hours, 43 (23 on foot, 20 by car); total party-miles, 135 (16 on foot, 119 by car). ► Horned Grebe, 21; Eared Grebe, 82; Least Grebe, 3; Pied-billed Grebe, 27; Great Blue Heron, 5; Black-crowned Night Heron, 2; Am. Bittern, 2; Gadwall, 125; Pintail, 10; Green-winged Teal, 5; Blue-winged Teal, 8; Cinnamon Teal, 2; Am. Widgeon, 10; Shoveler, 15; Redhead, 2; Lesser Scaup, 197; Ruddy Duck, 257; Turkey Vulture, 24; Black Vulture, 16; Red-tailed Hawk, 15; Swainson's Hawk, 3; Ferruginous Hawk, 2; Harris' Hawk, 4; Marsh Hawk, 8; Sparrow Hawk, 40; Bobwhite, 36; Common Gallinule, 2; Am. Coot, 231; Killdeer, 84; Common Snipe, 8; Greater Yellowlegs, 6; Least Sandpiper, 25; Semipalmated Sandpiper, 24; Mourning Dove, 152; Ground Dove, 7; Inca Dove, 202; Roadrunner, 7; Barn Owl, 2; Screech Owl, 1; Great Horned Owl, 3; Burrowing Owl, 1; **Ruby-throated Hummingbird, 1** (at feeder since Nov. 19); Belted Kingfisher, 9; Yellow-shafted Flicker, 8; Red-shafted Flicker, 5; Golden-fronted Woodpecker, 98; Yellow-bellied Sapsucker, 6; Downy Woodpecker, 1; Ladder-backed Woodpecker, 12; Eastern Phoebe, 9; Say's Phoebe, 4; Vermilion Flycatcher, 13; Blue Jay, 2; Common Crow, 1; Carolina Chickadee, 8; Black-crested Titmouse, 97; Verdin, 40; Brown Creeper, 8; House Wren, 9; Bewick's Wren, 39; Carolina Wren, 30; Cactus Wren, 7; Long-billed Marsh Wren, 1; Cañon Wren, 1; Mockingbird, 156; Brown Thrasher, 2; Long-billed Thrasher, 5; Curve-billed Thrasher, 1; Sage Thrasher, 1; Robin, 551; Hermit Thrush, 2; **Swainson's Thrush, 2** (all field marks—C.B.); Eastern Bluebird, 41; Mountain Bluebird, 7; Blue-gray Gnatcatcher, 1; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 60; Water Pipit, 15; Cedar Waxwing, 88; Loggerhead Shrike, 65; Starling, 3853; White-eyed Vireo, 2; Orange-crowned Warbler, 18; Myrtle Warbler, 36; Yellowthroat, 3; Wilson's Warbler, 1; House Sparrow, 4200; Eastern Meadowlark, 2821; Western Meadowlark, 346; Red-winged Blackbird, 193; Boat-tailed Grackle, 240; Common Grackle, 24; Brown-headed Cowbird, 1515; Cardinal, 245; Pyrrhuloxia, 86; House Finch, 48; Am. Goldfinch, 173; Lesser Goldfinch, 22; Rufous-sided Towhee, 12; Lark Bunting, 157; Savannah Sparrow, 501; Vesper Sparrow, 517; Lark Sparrow, 44; Black-throated Sparrow, 10; Slate-colored Junco, 9; Chipping Sparrow, 27; Clay-colored Sparrow, 2; Field Sparrow, 11; Harris' Sparrow, 2; White-crowned Sparrow, 316; White-throated Sparrow, 51; Fox Sparrow, 5; Lincoln's Sparrow, **514**; Song Sparrow, 5. **Total,** 114 species; about 19,093 individuals. (Seen in area count period, but not on count day: Ring-necked Duck, Bufflehead, Sharp-shinned Hawk, Horned Lark, Scrub Jay, Solitary Vireo, Audubon's Warbler, Brewer's Blackbird, Rufous-crowned Sparrow, Swamp Sparrow, **Smith's Longspur**.)—Charles R. Bender, Elizabeth Blount, Robert Duncan, Adele Harding, Gerald Harding, Henry Karl, Jeanne Karl, Hazel Kush (compiler), Maurine McFarland, Edith Ohme.

505. Santa Ana Wildlife Refuge, Tex. (all points within a 15-mile diameter circle, center same as last year).—Jan. 2; 6 a.m. to 7 p.m. Broken sky to overcast; temp. 70° to 78°; wind N to NE, 4-17 m.p.h. Eighteen observers in 8 parties. Total party-hours, 96 (61 on foot, 35 by car); total party-miles, 295 (61 on foot, 234 by car). ► Least Grebe, 32; Pied-billed Grebe, 23; Olivaceous Cormorant, 18; Anhinga, 43; Great Blue Heron, 55; Green Heron, 3; Common Egret, 19; Snowy Egret, 2; Am. Bittern, 3; Canada Goose, 2; White-fronted Goose, 3; Black-bellied Tree Duck, 137 [no details—Ed.]; Mallard, 11; Mottled Duck, 9; Gadwall, 143; Pintail, 48; Green-winged Teal, 26; Blue-winged Teal, 35; Cinnamon Teal, 6; Am. Widgeon, 11; Shoveler, 97; Wood Duck, 2; Redhead, 12; Ring-necked Duck, 26; Canvasback, 28; Lesser Scaup, 145; Bufflehead, 5; Ruddy Duck, 9; Turkey Vulture, 239; Black Vulture, 74; Sharp-shinned Hawk, 3; Cooper's Hawk, 8; Red-tailed Hawk, 3; Red-shouldered Hawk, 24; **Gray Hawk, 1** (seen several times during fall); Harris' Hawk, 17; Marsh Hawk, 11; Osprey, 1; Peregrine Falcon, 3; Pigeon Hawk, 1; Sparrow Hawk, 64; Chachalaca, 156; Bob-

white, 39; Scaled Quail, 1; Virginia Rail, 2; **Yellow Rail, 1** (all field marks—Albert party); Sora, 13; Common Gallinule, 15; Am. Coot, 832; Jaçana, 2; [no details—Ed.]; Killdeer, 72; Spotted Sandpiper, 2; Greater Yellowlegs, 8; Least Sandpiper, 41; dowitcher (sp.), 6; Black-necked Stilt, 1; Ring-billed Gull, 1; Red-billed Pigeon, 1; Mourning Dove, 266; Ground Dove, 90; Inca Dove, 348; White-fronted Dove, 46; Roadrunner, 3; Barn Owl, 17; Screech Owl, 15; Great Horned Owl, 11; Burrowing Owl, 1; **Whip-poor-will, 1** (seen well—R.A.); Pauraque, 4; Ruby-throated Hummingbird, 3; Belted Kingfisher, 2; Yellow-shafted Flicker, 5; Golden-fronted Woodpecker, 92; Yellow-bellied Sapsucker, 6; Ladder-backed Woodpecker, 85; Eastern Kingbird, 1 [no details—Ed.]; Scissor-tailed Flycatcher, 1; Kiskadee Flycatcher, 219; Eastern Phoebe, 22; **Black Phoebe, 1** (present 2 months); Say's Phoebe, 4; empidonax flycatcher, 2; Vermilion Flycatcher, 60; Beardless Flycatcher, 3; Horned Lark, 2; Green Jay, **370**; White-necked Raven, 229; Black-crested Titmouse, 27; Verdin, 30; House Wren, 25; Bewick's Wren, 18; Carolina Wren, 1; Cactus Wren, 19; Long-billed Marsh Wren, 2; Mockingbird, 212; Long-billed Thrasher, 25; Curve-billed Thrasher, 18; Robin, 232; Eastern Bluebird, 25; Blue-gray Gnatcatcher, **310**; Golden-crowned Kinglet, **18**; Ruby-crowned Kinglet, 158; Water Pipit, 104; Cedar Waxwing, 142; Loggerhead Shrike, 56; Starling, 66; White-eyed Vireo, 17; Solitary Vireo, 3; Black-and-white Warbler, 2; Orange-crowned Warbler, 49; Nashville Warbler, 6; Magnolia Warbler, 2 [no details—Ed.]; Myrtle Warbler, 164; Audubon's Warbler, 4; Yellowthroat, 18; Wilson's Warbler, 2; House Sparrow, 1134; Eastern Meadowlark, 180; Redwinged Blackbird, 3581; Black-headed Oriole, 6; Brewer's Blackbird, 1025; Boat-tailed Grackle, 9687; Brown-headed Cowbird, 2873; Cardinal, 278; Pyrrhuloxia, 76; White-collared Seedeater, 19; Am. Goldfinch, 1302; **Lesser Goldfinch, 2** (2 parties); Olive Sparrow, 11; Lark Bunting, 15; Savannah Sparrow, 16; Grasshopper Sparrow, 1; Vesper Sparrow, 20; Lark Sparrow, 43; Black-throated Sparrow, 2; Chipping Sparrow, 6; White-crowned Sparrow, 8; Lincoln's Sparrow, 42; Swamp Sparrow, 1. **Total,** 140 species; about 26,590 individuals. [Wilson's Plover, 100 reported without details and not underlined as unusual removed from list—Ed.]—Richard O. Albert, Mrs. L. E. Beaty, L. E. Beaty (compiler), Milton Chandler, Mr. and Mrs. Raymond Fleetwood, Mrs. Roy Ginter, C. E. Hudson, Jr., Charles Hudson, III, Mrs. A. P. Longland, Ruth Moorman, Norma Oates, Mrs. Harold Rosegay, Mike Schneider, Mr. and Mrs. E. Swedenborg, George Unland, Terry Word.

506. Sherman, Tex. (all points within a 15-mile diameter circle, center 2.6 miles west of Perrin Air Force Base as last year, extending from Sherman west to Sadler, from Southmayd north to Lake Texoma, including Hagerman Wildlife Refuge on Big Mineral Arm of Lake Texoma).—Dec. 28; 7 a.m. to 6 p.m. Cloudy; temp. 36° to 48°; wind NW, 15-25 m.p.h. Three observers in 2 parties. Total party-hours, 17 (7 on foot, 10 by car); total party-miles, 106 (7 on foot, 99 by car). ► Pied-billed Grebe, 3; **White Pelican, 2**; Double-crested Cormorant, 6; Great Blue Heron, 13; Canada Goose, 5000+; Blue Goose, 6; Mallard, 8500+; Pintail, 162; Green-winged Teal, 5; Am. Widgeon, 11; Shoveler, 30; Redhead, 3; Ring-necked Duck, 2; Canvasback, 3; Lesser Scaup, 1000+; Ruddy Duck, 3; Hooded Merganser, 2; Turkey Vulture, 28; Black Vulture, 2; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 9; Red-shouldered Hawk, 1; Rough-legged Hawk, 7; Marsh Hawk, 18; Sparrow Hawk, 9; Am. Coot, 8; Killdeer, 12; Herring Gull, 13; Ring-billed Gull, 260; **Franklin's Gull, 7**; Mourning Dove, 13; Roadrunner, 1; Great Horned Owl, 1; Barred Owl, 2; Belted Kingfisher, 3; Yellow-shafted Flicker, 14; Red-bellied Woodpecker, 13; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 6; Eastern Phoebe, 1; Horned Lark, 9; Blue Jay, 9; Common Crow, 3500; Carolina Chickadee, 22; Tufted Titmouse, 7; Brown Creeper, 1; Winter Wren, 1; Bewick's Wren, 1; Carolina Wren, 6; Mockingbird, 20; Robin, 25; Eastern Bluebird, 23; Golden-crowned Kinglet, 3; Water Pipit, 15; Loggerhead Shrike, 23; Starling, 263; House Sparrow, 304; Eastern Meadowlark, 1000+; Redwinged Blackbird, 232; Rusty Blackbird, 400; Brewer's Blackbird, 75; Common Grackle, 128; Brown-headed Cowbird, 152; Cardinal, 112; Am. Goldfinch, 265; Rufous-sided Towhee, 2; Savannah Sparrow, 2; Vesper Sparrow, 1; Lark Sparrow, 2; Slate-colored Junco, 228; Chipping Sparrow, 4; Field Sparrow, 161; Harris' Sparrow, 158; White-crowned Sparrow, 9; White-throated Sparrow, 167; Fox Sparrow, 4; Lincoln's Sparrow, 2; Song Sparrow, 23. **Total,** 81 species; about 22,546 individuals. (Seen in area count period, but not on count day: Bald Eagle, Bobwhite.)—J. P. Ferrill (compiler), Keith S. Hansen, Gaddis Taylor.

507. Stanton, Tex. (all points within a 15-mile diameter circle, center at junction of U. S. 80 and Farm Road 818; short grass plains with Mesquite thickets 40%, cultivated fields 35%, lakes 15%, draw with heavy growth of Mesquite and Soapberry trees 10%).—Dec. 29; 8:10 a.m. to 6:10 p.m. Clear to partly cloudy; temp. 29° to 49°; wind ENE, 7-14 m.p.h.; ground dry, water open. Five observers in 2 parties. Total party-hours, 20 (3 on foot, 17 by car); total party-miles, 203 (3 on foot, 200 by car). ► Eared Grebe, 3; Mallard, 12; Pintail, 363; Am. Widgeon, 10; Shoveler, 22; Lesser Scaup, 3; **Common Goldeneye, 1** (seen day after too); Bufflehead, 8; **Oldsquaw, 1** (all observers next day); Ruddy Duck, 4; Sharp-shinned Hawk, 1; Red-tailed Hawk, 9; Ferruginous Hawk, 2; Harris' Hawk, 8; Marsh Hawk, 65; Peregrine Falcon, 1; Sparrow Hawk, 6; Scaled Quail, 59; Sandhill Crane, **18,967** (counted coming into roost); Killdeer, 18; Western Sandpiper, 9; Mourning Dove, 274; Roadrunner, 1; Short-eared Owl, 2; Red-shafted Flicker, 5; Golden-fronted Woodpecker, 3; Ladder-backed Woodpecker, 12; Horned Lark, 177; White-necked Raven, 22; Verdin, 1; Bewick's Wren, 7; Cactus Wren, 21; Mockingbird, 23; Curve-billed Thrasher, 13; Sage Thrasher, 2; Robin, 7; Hermit Thrush, 1; Ruby-crowned Kinglet, 3; Water Pipit, 1; Loggerhead Shrike, 59; Starling, 180; House Sparrow, 393; Western Meadowlark, 566; Redwinged

Blackbird, 76; Brewer's Blackbird, 6; Brown-headed Cowbird, 301; Cardinal, 12; Pyrrhuloxia, 114; House Finch, 49; Am. Goldfinch, 26; Lesser Goldfinch, 3; Green-tailed Towhee, 1; Brown Towhee, 5; Lark Bunting, 2939; Savannah Sparrow, 19; Vesper Sparrow, **212** (mostly in maize fields); Cassin's Sparrow, **4**; Black-throated Sparrow, 3; Slate-colored Junco, 2; Oregon Junco, 129; Field Sparrow, 10; White-crowned Sparrow, **928+**; Song Sparrow, 2. **Total,** 63 species; about 26,186 individuals.—Ronnie Fowler, Ola Dublin Haynes, June Kingon, Anne LeSassier, Frances Williams (compiler).

508. Tyler, Tex. (all points within a 15-mile diameter circle, center 5¼ miles south and slightly east of courthouse in Tyler and ¾ mile east of Highway 69 as in previous years; lakes and marshes 5%, brushy fields and edges 25%, deciduous woods 30%, pine woods 5%, open fields and pastures 35%).—Jan. 2; 5:30 a.m. to 5:30 p.m. Cloudy with mist and rain; temp. 45° to 49°; wind NE to NW, 3-20 m.p.h. Sixteen observers in 8 parties. Total party-hours, 77 (28 on foot, 48 by car, 1 by boat); total party-miles, 468 (36 on foot, 426 by car, 6 by boat). ► Pied-billed Grebe, 12; Great Blue Heron, 11; Wood Duck, 2; Ring-necked Duck, 40; Canvasback, 39; Lesser Scaup, 370; Ruddy Duck, 5; Turkey Vulture, 31; Black Vulture, 8; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 23; Red-shouldered Hawk, 15; Marsh Hawk, 5; Sparrow Hawk, 40; Bobwhite, 113; Am. Coot, 524; Killdeer, 114; Common Snipe, 42; Mourning Dove, 293; Roadrunner, 2; Great Horned Owl, 9; Barred Owl, 2; **Long-eared Owl, 4** (pellets mostly field mice); Belted Kingfisher, 13; Yellow-shafted Flicker, 135; Pileated Woodpecker, 3; Red-bellied Woodpecker, 88; Red-headed Woodpecker, 13; Yellow-bellied Sapsucker, 54; Hairy Woodpecker, 11; Downy Woodpecker, 27; Eastern Phoebe, 12; Blue Jay, 360; Common Crow, 265; Carolina Chickadee, 128; Tufted Titmouse, 136; White-breasted Nuthatch, 15; Brown-headed Nuthatch, 2; Brown Creeper, 5; House Wren, 1; Winter Wren, 5; Bewick's Wren, 25; Carolina Wren, 111; Short-billed Marsh Wren, 1; Mockingbird, 147; **Catbird, 1** (G.T.); Brown Thrasher, 142; Robin, 475; Hermit Thrush, 30; Eastern Bluebird, 249; Golden-crowned Kinglet, 75; Ruby-crowned Kinglet, 82; Water Pipit, 5; Sprague's Pipit, 1; Cedar Waxwing, 196; Loggerhead Shrike, 104; Starling, 627; Orange-crowned Warbler, 5; Myrtle Warbler, 850; Pine Warbler, 28; **Yellowthroat, 1** (adult male); House Sparrow, 399; Eastern Meadowlark, 603; Western Meadowlark, 2; Redwinged Blackbird, 2883; Rusty Blackbird, 253; Brewer's Blackbird, 657; Common Grackle, 1196; Brown-headed Cowbird, 991; Cardinal, 596; Purple Finch, 16; Am. Goldfinch, 308; Rufous-sided Towhee, 70 (7 Spotted); Savannah Sparrow, 115; **Grasshopper Sparrow, 4**; Le Conte's Sparrow, 10; Vesper Sparrow, 59; Lark Sparrow, 21; Slate-colored Junco, 1137; Oregon Junco, 2; Chipping Sparrow, 80; Field Sparrow, 1471; Harris' Sparrow, 69; White-crowned Sparrow, 85; White-throated Sparrow, 1148; Fox Sparrow, 49; Lincoln's Sparrow, 57; Swamp Sparrow, 68; Song Sparrow, 219; **Lapland Longspur, 110**; **Smith's Longspur, 151** (longspurs at airport 5 weeks). **Total,** 92 species (1 additional race); about 18,963 individuals.—John Arvin, Mr. and Mrs. F. L. Carmichael, Michael Carmichael, J. P. Ferrill, L. G. Huey, Horace H. Jeter, George F. Krueger, Dr. and Mrs. Eldon W. Lyle, Jennifer Robson, O. C. Sheffield (compiler), Gerald Smith, James R. Stewart, Jr., Gaddis Taylor, Mrs. Maie C. Taylor (Tyler Audubon Society).

509. Waco, Tex. (all points within a 15-mile diameter circle, center at entrance to Cameron Park, including Lake Waco; deciduous woods 50%, open fields 35%, lake 10%, gravel pits 5%).—Jan. 2; 7:30 a.m. to 6 p.m. Overcast and rain; temp. 47° to 54°; wind NW, 15 m.p.h. Eight observers in 3 parties. Total party-hours, 24 (6 on foot, 18 by car); total party-miles, 74 (5 on foot, 69 by car). ► Eared Grebe, 1; Great Blue Heron, 1; Turkey Vulture, 2; Sharp-shinned Hawk, 1; Red-tailed Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 12; Am. Coot, 16; Killdeer, 46; Ring-billed Gull, 6; Franklin's Gull, 2; Mourning Dove, 30; Roadrunner, 1; Barred Owl, 1; Belted Kingfisher, 1; Yellow-shafted Flicker, 34; Red-shafted Flicker, 1; Red-bellied Woodpecker, 11; Red-headed Woodpecker, 1; Yellow-bellied Sapsucker, 5; Hairy Woodpecker, 1; Blue Jay, 37; Common Crow, 73; Carolina Chickadee, 19; Tufted Titmouse, 25; Red-breasted Nuthatch, 2; Brown Creeper, 6; House Wren, 1; Bewick's Wren, 6; Carolina Wren, 4; Mockingbird, 48; Brown Thrasher, 1; Robin, 160; Eastern Bluebird, 10; Golden-crowned Kinglet, 7; Ruby-crowned Kinglet, 4; Cedar Waxwing, 35; Loggerhead Shrike, 42; Starling, 1000; Orange-crowned Warbler, 1; **Magnolia Warbler, 1** (all field marks clearly seen at close range); Myrtle Warbler, 4; House Sparrow, 105; Eastern Meadowlark, 275; Redwinged Blackbird, 100,000; Brewer's Blackbird, 250,000; Boat-tailed Grackle, 9000; Common Grackle, 5000; Brown-headed Cowbird, **400,000**; Cardinal, 64; Am. Goldfinch, 104; Lark Sparrow, 2; Slate-colored Junco, 52; Tree Sparrow, 5; Field Sparrow, 29; Harris' Sparrow, 26; White-crowned Sparrow, 16; White-throated Sparrow, 81. **Total,** 58 species; about 766,420 individuals. (Seen in area count period, but not on count day: Blue-winged Teal, Lesser Scaup, Black Vulture, Bobwhite, Common Snipe, Ground Dove, Downy Woodpecker.)—Bill Adams, Mrs. L. W. Atlee, Mrs. William Bertelsen, Lillian Brown, Mabel M. Cortright (compiler), Lorene Davidson, Cornelia Smith, Kenneth Smith.

510. Welder Wildlife Refuge, Tex. (all points within a 15-mile diameter circle, center Headquarters 8 miles NE of Sinton; area covered approximately 7½ miles east and west, 1½ miles north and south).—Jan. 1; 7:30 a.m. to 12:30 p.m., 1:30 p.m. to 5:45 p.m. Completely overcast; temp. 62° to 68°; wind 0-6 m.p.h.; wet impossible roads limited coverage to 1/3 of refuge. Six observers in 2 parties. Total party-hours, 45 (40 on foot, 5 by car); total party-miles, 64 (36 on foot, 28 by car). ► Least Grebe, 1; Pied-billed Grebe, 1; White Pelican, 18; Double-crested Cormorant, 3; Olivaceous Cormorant, 6; Anhinga, 1; Great Blue Heron, 8; Little Blue Heron, 4; **Cattle Egret, 2** (2-9 present all fall); Common Egret, 8;

Snowy Egret, 1; Black-crowned Night Heron, 9; Am. Bittern, 3; Canada Goose, 6; White-fronted Goose, 20; Snow Goose, 250; Blue Goose, 25; Mallard, 18; **Black Duck, 2** (C.C.); Gadwall, 70; Pintail, 35; Green-winged Teal, 45; Blue-winged Teal, 35; Am. Widgeon, 15; Shoveler, 75; Ring-necked Duck, 12; Canvasback, 10; Ruddy Duck, 2; Turkey Vulture, 22; Black Vulture, 10; Sharp-shinned Hawk, 2; Red-tailed Hawk, 5; Red-shouldered Hawk, 4; White-tailed Hawk, 1; Marsh Hawk, 25; Sparrow Hawk, 25; Bobwhite, 100+; Turkey, 80; Sandhill Crane, 65; Sora, 1; Common Gallinule, 4; Am. Coot, 200; Killdeer, 50; Common Snipe, 45; Willet, 1; Greater Yellowlegs, 12; Lesser Yellowlegs, 4; Least Sandpiper, 6; **Short-billed Dowitcher, 6**; **Long-billed Dowitcher, 18**; Semipalmated Sandpiper, 2; Ring-billed Gull, 1; Mourning Dove, 75; Ground Dove, 5; Inca Dove, 2; Roadrunner, 2; Barn Owl, 1; Great Horned Owl, 4; Burrowing Owl, 1; Barred Owl, 5; Short-eared Owl, 2; Belted Kingfisher, 1; Yellow-shafted Flicker, 10; Red-shafted Flicker, 2; Red-bellied Woodpecker, 4; Golden-fronted Woodpecker, 7; Yellow-bellied Sapsucker, 1; Ladder-backed Woodpecker, 9; **Wied's Crested Flycatcher, 1** (2 or more lingered all fall); **Ash-throated Flycatcher, 1** (good view in favorable light); Eastern Phoebe, 15; Say's Phoebe, 6; **empidonax flycatcher, 1** (thought to be Traill's); **Kiskadee Flycatcher, 1** (present all fall); Vermilion Flycatcher, 12; Tufted Titmouse, 8; Black-crested Titmouse, 12 (and hybrids); Verdin, 8; House Wren, 10; Winter Wren, 2; Bewick's Wren, 15; Long-billed Marsh Wren, 4; Mockingbird, 45; Brown Thrasher, 8; **Long-billed Thrasher, 2** (carefully identified); Robin, 20; Hermit Thrush, 8; Eastern Bluebird, 12; Blue-gray Gnatcatcher, 100; Golden-crowned Kinglet, 10; Ruby-crowned Kinglet, 80; Water Pipit, 10; Loggerhead Shrike, 25 (2 races); Starling, 125; Orange-crowned Warbler, 9; Myrtle Warbler, 8; **Black-throated Green Warbler, 1** (all field marks); Yellowthroat, 6; Eastern Meadowlark, 100; Western Meadowlark, 55; Redwinged Blackbird, 4000; Rusty Blackbird, 1; Brewer's Blackbird, 30; Boat-tailed Grackle, 1000; Brown-headed Cowbird, 1000; Cardinal, 150; Pyrrhuloxia, 50; Am. Goldfinch, 20; Green-tailed Towhee, 3; Rufous-sided Towhee, 8; Lark Bunting, 16; Savannah Sparrow, 70; Grasshopper Sparrow, 12; Le Conte's Sparrow, 3; Vesper Sparrow, 125; Lark Sparrow, 12; Cassin's Sparrow, 1; Black-throated Sparrow, 14; Chipping Sparrow, 1; Clay-colored Sparrow, 4; Field Sparrow, 50; White-crowned Sparrow, 60; White-throated Sparrow, 45; **Fox Sparrow, 4**; Lincoln's Sparrow, 55; Swamp Sparrow, 1; Song Sparrow, 12. **Total,** 127 species (1 additional race); about 8977 individuals. (Seen in area count period, but not on count day: Horned Grebe, Eared Grebe, Louisiana Heron, Mottled Duck, Lesser Scaup, Cooper's Hawk, Rough-legged Hawk, Bald Eagle, Caracara, Western Sandpiper, Pauraque, Tree Swallow, White-eyed Vireo, Black-and-white Warbler, House Sparrow, **House Finch,** Harris' Sparrow.)—Clarence Cottam (compiler), W. C. Glazener, Harold Laughlin, Gerald G. Raun, Billy M. Tutor, Bobby J. Wilks.

511. Western Travis County, Tex. (all points within a 15-mile diameter circle, center 8½ miles northwest of State Capitol Building as last year).—Dec. 28; 5:30 a.m. to 11:59 p.m.; temp. 42° to 57°; wind W, 6-3 m.p.h. Fifteen observers in 6 parties. Total party-hours, 56 (27 on foot, 29 by car); total party-miles, 238 (13 on foot, 225 by car). ► Pied-billed Grebe, 11; Double-crested Cormorant, 1; Great Blue Heron, 5; Mallard, 4; Gadwall, 810; Green-winged Teal, 4; Am. Widgeon, 27; Shoveler, 5; Lesser Scaup, 4; Turkey Vulture, 244; Black Vulture, 69; Sharp-shinned Hawk, 5; Cooper's Hawk, 2; Red-tailed Hawk, 5; Marsh Hawk, 2; **Pigeon Hawk,** 1 (present weeks); Sparrow Hawk, 32; **Sora, 1** (E.K.); Am. Coot, 576; Killdeer, 19; Common Snipe, 4; Spotted Sandpiper, 2; Ring-billed Gull, 170; Mourning Dove, 81; Inca Dove, 22; Roadrunner, 2; Screech Owl, 5; Great Horned Owl, 2; Belted Kingfisher, 14; Yellow-shafted Flicker, 28; Red-shafted Flicker, 9; flicker (sp.), 12; Red-bellied Woodpecker, 11; Golden-fronted Woodpecker, 2; Yellow-bellied Sapsucker, 5; Downy Woodpecker, 1; Ladder-backed Woodpecker, 24; Eastern Phoebe, 11; Blue Jay, 30; Common Crow, 17; Carolina Chickadee, 48; Black-crested Titmouse, 87; Verdin, 4; Brown Creeper, 7; House Wren, 15; Winter Wren, 2; Bewick's Wren, 97; Carolina Wren, 34; Long-billed Marsh Wren, 1; Cañon Wren, 11; Rock Wren, 7; Mockingbird, 224; Sage Thrasher, 4; Robin, 985; Hermit Thrush, 22; Eastern Bluebird, 112; Mountain Bluebird, 98; Golden-crowned Kinglet, 9; Ruby-crowned Kinglet, 69; Cedar Waxwing, 130; Loggerhead Shrike, 15; Starling, 4; **Solitary Vireo, 1**; Orange-crowned Warbler, 3; Myrtle Warbler, 182; Yellowthroat, 8; House Sparrow, 36; Western Meadowlark, 1; meadowlark (sp.), 106; Redwinged Blackbird, 120; Boat-tailed Grackle, 5; Brown-headed Cowbird, 10; Cardinal, 364; **Pyrrhuloxia, 2** (present for weeks); Purple Finch, 3; House Finch, 171; Am. Goldfinch, 308; Lesser Goldfinch, 192; Rufous-sided Towhee, 90; Savannah Sparrow, 18; Vesper Sparrow, 29; Lark Sparrow, 55; Rufous-crowned Sparrow, 40; Black-throated Sparrow, 16; Slate-colored Junco, 623; **Oregon Junco, 1** (good view); Chipping Sparrow, 39; Field Sparrow, 924; Harris' Sparrow, 132; White-crowned Sparrow, 121; White-throated Sparrow, 102; Fox Sparrow, 27; Lincoln's Sparrow, 119; Swamp Sparrow, 6; Song Sparrow, 80. **Total,** 93 species; about 8198 individuals.—Mrs. V. L. Adrean, Philip Campbell, Susie Coker, Rose M. Elliott, Margaret Louise Hill, Edgar B. Kincaid, Jr., Mr. and Mrs. William J. Lawson, Mary Anne McClendon, Frank Oatman, Jr., John Louis Rowlett, Rose Ann Rowlett, Mrs. Henry J. Thaxton, Ada Marie Webster, Fred S. Webster, Jr. (compiler).

512. Billings, Mont. (all points within a 15-mile diameter circle, center at Carter Oil Refinery in Yellowstone Valley between Billings and Huntley; irrigated farmlands 45%, upland pasture and wheat fields 20%, rimrocks 10%, bottomland timber 5%, water areas 10%, urban 10%).—Dec. 26; 7:30 a.m. to 4:30 p.m. Cloudy; temp. 40° to 35°; wind W to N, 20-35 m.p.h.; very little snow cover, small water areas frozen. Twenty-three observers in 6 parties. Total

party-hours, 45 (23 on foot, 22 by car); total party-miles, 292 (49 on foot, 243 by car). ► Great Blue Heron, 4; Mallard, 370; Common Goldeneye, 185; Common Merganser, 7; **Red-breasted Merganser, 2**; Rough-legged Hawk, 7; Golden Eagle, 8; Marsh Hawk, 4; Sparrow Hawk, 7; Sharp-tailed Grouse, 1; Ring-necked Pheasant, 21; Gray Partridge, 4; Killdeer, 13; Common Snipe, 2; Red-shafted Flicker, 8; Downy Woodpecker, 3; Horned Lark, 1; Black-billed Magpie, 442; Black-capped Chickadee, 47; White-breasted Nuthatch, 1; Brown Creeper, **14**; Robin, 4; Bohemian Waxwing, 125; Northern Shrike, 3; Starling, 570; House Sparrow, 1008; **Common Grackle, 2**; Common Redpoll, 215; White-winged Crossbill, 1; Slate-colored Junco, 28; Oregon Junco, 19; Tree Sparrow, 10; **White-crowned Sparrow, 1**; Song Sparrow, 8. **Total,** 34 species; about 3145 individuals. (Seen in area count period, but not on count day: Pine Siskin.)—Marguerite Boerner, Mrs. Della Burchett, Randy Coley, Marcia Gorder, Alice Hamilton, Robert L. Hamilton, Mrs. Philip Hendricks, Richard Heiser, W. F. Hoheisel, Adrian J. Langstaff, John Langstaff, John W. Leete, Walter Loendorf, James Meshnick, Edwin M. Miller, Louis M. Moos (compiler), Prof. and Mrs. D. J. Nelson, Kim Nelson, Irving Quanbeck, W. P. Roney, Leo Schlenker, Winifred Stull.

513. Bowdoin National Wildlife Refuge, Mont. (all points within a 15-mile diameter circle, center Refuge Headquarters).—Jan. 2; 8 a.m. to 4 p.m.; temp. −15° to −2°; wind NE, 15 m.p.h. One observer. Total hours, 8 (3 on foot, 5 by car); total miles, 38 (3 on foot, 35 by car). ► Canada Goose, 1; Rough-legged Hawk, 1; Golden Eagle, 2; Sharp-tailed Grouse, 4; Ring-necked Pheasant, 135; Great Horned Owl, 1; Hairy Woodpecker, 1; Horned Lark, 37; Black-billed Magpie, 18; Black-capped Chickadee, 6; House Sparrow, 51; Tree Sparrow, 14. **Total,** 12 species; about 271 individuals.—Baine H. Cater.

514. Bozeman, Mont. (all points within a 15-mile diameter circle, center 4 miles west and 1 mile north of Bozeman, including Gallatin Valley from Lower Bridger Canyon and Sourdough Creek northwest to Belgrade; cultivated land 65%, range 10%, deciduous forest and thickets 15%, coniferous forest 5%, streams and marsh 3%, urban 2%).—Dec. 27; 7:30 a.m. to 5 p.m. Clear; temp. −10° to 26°; wind SE, 0-5 m.p.h.; 0-1-in. snow on ground. Five observers in 3 parties. Total party-hours, 28 (9 on foot, 19 by car); total party-miles, 220 (15 on foot, 205 by car). ► Mallard, 5; Common Goldeneye, 25; Goshawk, 1; Rough-legged Hawk, 2; Peregrine Falcon, 1; Sparrow Hawk, 1; Sharp-tailed Grouse, 1; Ring-necked Pheasant, 9; Gray Partridge, 10; Killdeer, 5; Common Snipe, 23; Belted Kingfisher, 5; Red-shafted Flicker, 1; Hairy Woodpecker, 1; Steller's Jay, 1; Black-billed Magpie, 350; Common Raven, 9; Common Crow, 21; Clark's Nutcracker, 3; Black-capped Chickadee, 11; Mountain Chickadee, 11; Dipper, 2; Robin, 1; Townsend's Solitaire, 4; Bohemian Waxwing, 67; Northern Shrike, 5; Starling, 765; House Sparrow, 830; Pine Grosbeak, 19; Tree Sparrow, 29; Song Sparrow, 12. **Total,** 31 species; about 2230 individuals. (Seen in area count period, but not on count day: Sharp-shinned Hawk, Pigeon Hawk, Short-eared Owl, Common Redpoll, Lapland Longspur.)—Mary Geis, T. B. Holker, E. H. Lott, H. N. Metcalf (compiler), P. D. Skaar.

515. Ennis, Mont. (all points within a 15-mile diameter circle, center SE corner of Sect. 11, T5S, R1W, including all areas covered in 1958 plus higher slopes of Madison Range; altitude 4800-8800 ft.; bottomland pastures and cultivated fields 20%, upland range and wheat fields 20%, coniferous forest and scrub 20%, deciduous forest and scrub 20%, lake, stream and marsh 20%).—Dec. 23; 7:30 a.m. to 5 p.m. Scattered clouds; temp. 25° to 40°; wind SW, 5-20 m.p.h.; little snow on ground below 7000 ft., lake 80% frozen, most streams open. Eight observers in 4 parties. Total party-hours, 38 (30 on foot, 8 by car); total party-miles, 145 (27 on foot, 118 by car). ► Trumpeter Swan, **20**; Canada Goose, 470; Mallard, 290; Green-winged Teal, 16; Canvasback, 2; Common Goldeneye, 177; **Bufflehead, 3** (2 parties); Common Merganser, 23; Cooper's Hawk, 1; Rough-legged Hawk, 2; buteo (sp.), 1; Golden Eagle, 2; Bald Eagle, 3; Blue Grouse, 1; Ruffed Grouse, 1; Ring-necked Pheasant, 23; Gray Partridge, 5; Great Horned Owl, 1; **Pygmy Owl, 1** (D.B., P.V.); Short-eared Owl, 2; Belted Kingfisher, 3; Red-shafted Flicker, 1; Hairy Woodpecker, 1; Horned Lark, 30; Black-billed Magpie, 200; Common Raven, 2; Clark's Nutcracker, 11; Black-capped Chickadee, 15; Mountain Chickadee, 11; Dipper, 1; Townsend's Solitaire, 3; Bohemian Waxwing, 165; Northern Shrike, 2; Starling, 41; House Sparrow, 7; Pine Grosbeak, 2; Common Redpoll, 89; **Am. Goldfinch, 1** (seen well—L.J., H.M.); Tree Sparrow, 8; Song Sparrow, 7; Lapland Longspur, 2. **Total,** 40 species; about 1646 individuals.—Don Bostwick, Bob Dunbar, T. B. Holker, Lou Jonas, Homer Metcalf, Jim Posewitz, P. D. Skaar (compiler), Paul Visscher.

516. Great Falls, Mont. (all points within a 15-mile diameter circle, center 1½ miles north of Great Falls; city, suburbs, airbase 15%, river and marsh 5%, badlands 10%, bottoms 4%, juniper 4%, range 30%, cultivated land 32%).—Dec. 27; 8 a.m. to 5 p.m. Clear; temp. 20° to 30°; wind SW, 14 m.p.h.; ground clear, river open, ponds frozen. Four observers in 2 parties. Total party-hours, 18 (11 on foot, 7 by car); total party-miles, 134 (24 on foot, 110 by car). ► Canada Goose, 53; Mallard, 1876; Lesser Scaup, 1; Common Goldeneye, 1720; Barrow's Goldeneye, 1; Bufflehead, 33; **Ruddy Duck, 4** (carefully identified); Hooded Merganser, 7; Common Merganser, 38; Red-tailed Hawk, 1; Golden Eagle, 3; Prairie Falcon, 1; Sharp-tailed Grouse, 7; Ring-necked Pheasant, 7; Gray Partridge, 17; Am. Coot, 22; **Herring Gull, 1**; Red-shafted Flicker, 6; Downy Woodpecker, 1; Black-billed Magpie, 110; Black-capped Chickadee, 8; Mountain Chickadee, 5; Townsend's Solitaire, 10; Bohemian Waxwing, 138; House Sparrow, 255; Gray-crowned Rosy Finch, 48 (13 Hepburn's); Black Rosy Finch, **125**; Common Redpoll, 75; Oregon Junco, 1; Tree Sparrow, 6. **Total,** 30 species (1 additional race); about 4580 individuals. (Seen in area count

period, but not on count day: Pintail, Gadwall.)—John Person (compiler), Jeff Walker, Mr. and Mrs. Tom Walker (co-compilers).

517. **Helena, Mont.** (all points within a 15-mile diameter circle, center in NE ¼ Section 35, R3W, T10N, including Helena, East Helena, Hauser Lake, most of Helena Valley; urban 5%, coniferous forest 25%, water 15%, open fields 45%, deciduous woods 10%).—Dec. 28; 6 a.m. to 4:30 p.m. Partly cloudy; temp. 19° to 28°; wind SW, 1-7 m.p.h.; some crusted snow. One observer. Total hours, 10½ (6 on foot, 4½ by car); total miles, 97 (3 on foot, 94 by car). ► Common Goldeneye, 5; Cooper's Hawk, 1; Rough-legged Hawk, 1; Ring-necked Pheasant, 5; Downy Woodpecker, 1; Horned Lark, 2; Black-billed Magpie, 77; Piñon Jay, 2; Mountain Chickadee, 7; Townsend's Solitaire, 3; House Sparrow, 94; Gray-crowned Rosy Finch, 1; Common Redpoll, 100; Tree Sparrow, 2. **Total,** 14 species; about 301 individuals. (Seen in area count period, but not on count day: Northern Shrike.)—C. L. Beveridge.

518. **Libby, Mont.** (all points within a 15-mile diameter circle, center Mineral Ave. and 9th St.; approximately same area as 1953, but including strip along north side of Kootenai River from J. Neils bridge to a point opposite mouth of Parmenter Creek; town and mill area 25%, river, creeks 30%, coniferous forest 30%, mixed woods, clearings 15%).—Dec. 29; 8 a.m. to 5 p.m. Cloudy, snowing a.m.; temp. 19° to 23°; no wind; 2-8-in. snow, ponds mostly frozen, streams unfrozen. Five observers in 2 parties. Total party-hours, 16 (12 on foot, 4 by car); total party-miles, 65 (12 on foot, 53 by car). ► Mallard, 21; Common Goldeneye, 9; Common Merganser, 14; Ruffed Grouse, 1; Killdeer, 1; Common Snipe, 2; **Mourning Dove,** 1; Pygmy Owl, 2; Belted Kingfisher, 4; Red-shafted Flicker, 5; Hairy Woodpecker, 4; Downy Woodpecker, 1; Black-billed Magpie, 2; Common Raven, 10; Black-capped Chickadee, 20; Mountain Chickadee, 1; Red-breasted Nuthatch, 4; Brown Creeper, 3; Dipper, 6; Golden-crowned Kinglet, 24; Starling, 8; House Sparrow, 135; **Western Meadowlark,** 1; Evening Grosbeak, 10; Pine Grosbeak, 4; Oregon Junco, 7; Song Sparrow, 2. **Total,** 27 species; about 302 individuals. (Seen in area count period, but not on count day: Robin, **Varied Thrush.**)—Charles Clough, Carl Engebretson, Gary McElderry, Jim Peterson, Thomas Rogers (compiler).

519. **Casper, Wyo.** (all points within a 15-mile diameter circle, center southwest of Casper as in 1948 and subsequent years; North Platte River valley from just east of town to Speas Ranch warm spring on west, including adajacent prairies, cliffs, Casper Mountain; altitude 5100-8000 ft.).—Dec. 27; 6 a.m. to 5 p.m. Clear; temp. 10° to 28°; wind WSW, 12 m.p.h.; 3-in. snow on prairies, 16-in. snow on mountain. Seventeen observers in 6 parties. Total party-hours, 30 (14 on foot, 13 by car, 3 by skis); total party-miles, 117 (12 on foot, 102 by car, 3 by skis). ► Canada Goose, 60; Mallard, 139; Common Goldeneye, 3; Common Merganser, 125; Red-tailed Hawk, 2; Rough-legged Hawk, 6; Golden Eagle, **43**; Bald Eagle, 1; Prairie Falcon, 1; Ring-necked Pheasant, 3; Common Snipe, 13; Great Horned Owl, **18**; Belted Kingfisher, 1; Red-shafted Flicker, 14; Hairy Woodpecker, 1; Downy Woodpecker, 4; Horned Lark, 97; Gray Jay, 3; Steller's Jay, 7; Black-billed Magpie, 234; Common Crow, 9; Clark's Nutcracker, 7; Black-capped Chickadee, 31; Mountain Chickadee, 28; Red-breasted Nuthatch, 3; Brown Creeper, 2; **Brown Thrasher,** 1; Robin, 36; Townsend's Solitaire, **37**; Cedar Waxwing, 8; Northern Shrike, 2; Starling, 58; House Sparrow, 532; Evening Grosbeak, 7; Cassin's Finch, 1; House Finch, 3; Gray-crowned Rosy Finch, **412**; Common Redpoll, 89; Slate-colored Junco, 2; Oregon Junco, 40; Tree Sparrow, 87; Harris' Sparrow, 1; Song Sparrow, 33. **Total,** 43 species; about 2204 individuals. (Seen in area count period, but not on count day: Blue Grouse.)—I. H. Austin, Mrs. J. Beal, C. R. Berrey, L. R. Burkhardt, Mrs. C. H. Carpenter, Mr. and Mrs. W. R. Earnshaw, B. House, Mr. and Mrs. L. C. Rognstad, Dr. and Mrs. Oliver K. Scott (compilers), C. K. Scott, H. H. Scott, R. A. Watkins, Mr. and Mrs. J. W. Yant (Wyoming Audubon Society).

520. **Cheyenne, Wyo.** (all points within a 15-mile diameter circle, center Cheyenne).—Jan. 3; 7:30 a.m. to 4:30 p.m.; temp. 0° to 17°; wind NNW, 10 m.p.h. Two observers in 1 party. Total party-hours, 8 (1 on foot, 7 by car); total party-miles, 96 (3 on foot, 93 by car). ► Rough-legged Hawk, 2; Marsh Hawk, 1; Mourning Dove, 1; Red-shafted Flicker, 4; Downy Woodpecker, 1; Horned Lark, 147; Blue Jay, 2; Black-billed Magpie, 23; Mountain Chickadee, 8; White-breasted Nuthatch, 2; Brown Creeper, 1; Robin, 1; Townsend's Solitaire, 6; Starling, 105; House Sparrow, 147; Evening Grosbeak, 12; House Finch, 19; Common Redpoll, 52; Vesper Sparrow, 23 [no details—Ed.]; Oregon Junco, 16 (9 Pink-sided); Tree Sparrow, 67; Chipping Sparrow, 10 [no details—Ed.]; Lincoln's Sparrow, 2 [no details—Ed.]. **Total,** 23 species (1 additional race); about 652 individuals.—Robert D. Hanesworth, Mrs. Robert D. Hanesworth (compiler).

521. **Black Forest, Colo.** (all points within a 15-mile diameter circle, center 2 miles east of Table Rock, including Black Forest Community, Rattlesnake Butte, Eastonville, Table Rock, headwaters of Kiowa Creek and Cherry Creeks; elevation 6800-7700 ft.; Ponderosa Pine forest 35%, grassland and ranchland 50%, deciduous creekbottoms 10%, habitations 5%).—Dec. 30; 7 a.m. to 5 p.m. Clear to partly cloudy; temp. 5° to 25°; wind SW, 20 m.p.h.; 1-8 in. snow, ponds frozen, West Kiowa Creek open. Seven observers in 2 parties. Total party-hours, 26 (12 on foot, 14 by car); total party-miles, 171 (16 on foot, 155 by car). ► Rough-legged Hawk, 6; Golden Eagle, 4; Marsh Hawk, 1; Prairie Falcon, 1; Sparrow Hawk, 1; Red-shafted Flicker, 2; Hairy Woodpecker, 5; Horned Lark, 137; Steller's Jay, 7; Black-billed Magpie, 181; Common Raven, 1; Common Crow, 12; Clark's Nutcracker, 2; Black-capped Chickadee, 18; Mountain Chickadee, 59; White-breasted Nuthatch, 40; Pigmy Nuthatch, 112; Brown Creeper, 3; Cañon Wren, 1; Townsend's Solitaire, 8; Golden-crowned Kinglet, 5; Bohemian Waxwing, 63; Northern Shrike, 1; Starling,

49; House Sparrow, 16; White-winged Junco, 39; Slate-colored Junco, 6; Oregon Junco, 188; Gray-headed Junco, 33; Tree Sparrow, 84; Song Sparrow, 1. **Total,** 31 species; about 1086 individuals.—Dick Beidleman, Reba Beidleman, Ed Herbert, Hugh Kingery (compiler), Dick Pillmore, Ken Remy, Barbara Snyder.

522. Boulder, Colo. (all points within a 15-mile diameter circle, center at northeast corner of Boulder as in previous years).—Dec. 26; 7 a.m. to 4:30 p.m. Overcast, snow first 4 hrs.; temp. 25° to 42°; no wind; mountain areas with old snow, small lakes frozen. Eleven observers in 4 parties. Total party-hours, 27 (12 on foot, 15 by car); total party-miles, 182 (10 on foot, 172 by car). ► Pied-billed Grebe, 6; **Whistling Swan, 1** (on ice—3 observers); Mallard, 1675; Gadwall, 2; Pintail, 10; Am. Widgeon, 40; Redhead, 2; Canvasback, 10; Lesser Scaup, 3; Common Goldeneye, 6; Ruddy Duck, 1; Hooded Merganser, 3; Common Merganser, 35; Red-tailed Hawk, 3; Marsh Hawk, 3; Prairie Falcon, 1; Sparrow Hawk, 6; Ring-necked Pheasant, 19; Am. Coot, 1; Killdeer, 3; Common Snipe, 1; Herring Gull, 2; Ring-billed Gull, 4; Long-eared Owl, 1; Belted Kingfisher, 1; Red-shafted Flicker, 43; Hairy Woodpecker, 5; Downy Woodpecker, 3; Horned Lark, 40; Steller's Jay, 89; Black-billed Magpie, 68; Black-capped Chickadee, 13; Mountain Chickadee, 11; Brown Creeper, 5; Dipper, 3; Cañon Wren, 2; Robin, 18; Townsend's Solitaire, 7; Golden-crowned Kinglet, 5; Cedar Waxwing, 24; Northern Shrike, 2; Starling, 368; House Sparrow, 159; Western Meadowlark, 85; Redwinged Blackbird, 63; **Yellow-headed Blackbird, 1** (close study in feed-lot—J.F., R.B.); Brewer's Blackbird, 3; House Finch, 47; Pine Siskin, 25; Rufous-sided Towhee, 2; Slate-colored Junco, 7; Oregon Junco, 200 (2 races); Gray-headed Junco, 28; Tree Sparrow, 23; White-crowned Sparrow, 8; **Lincoln's Sparrow, 1** (10 ft.—J.F., R.B.); Song Sparrow, 3. **Total,** 57 species (1 additional race); about 3200 individuals.—Douglas Alexander, Gordon Alexander (compiler), Kathleen D. Alexander, Marion I. Alexander, Donald R. Blumberg, Russell D. Butcher, Mabel Cuthbert, Nicholas Cuthbert, John Fitch, Oakleigh Thorne, Olwen Williams (University of Colorado).

523. Colorado Springs, Colo. (all points within a 15-mile diameter circle, center at junction of U. S. 85-87 and Harrison Ave. as in previous years).—Dec. 27; 7 a.m. to 5 p.m. Clear; temp. 19° to 38°; wind NW, 0-35 m.p.h.; streams and ponds mostly open. Thirty observers in 13 parties. Total party-hours, 70 (44 on foot, 26 by car); total party-miles, 334 (44 on foot, 290 by car). ► **Pied-billed Grebe, 3** (M.H., R.S.); Great Blue Heron, 2; Mallard, 493; Gadwall, 12; Pintail, 4; Am. Widgeon, 5; Shoveler, 10; Redhead, 15; Lesser Scaup, 4; Common Goldeneye, 8; Ruddy Duck, 2; Common Merganser, 8; Goshawk, 3; Sharp-shinned Hawk, 2; Cooper's Hawk, 1; Red-tailed Hawk, 7; **Swainson's Hawk, 1**; Rough-legged Hawk, 2; Golden Eagle, 3; Bald Eagle, 3; Marsh Hawk, 5; Pigeon Hawk, 1; Sparrow Hawk, 15; Scaled Quail, 65; Ring-necked Pheasant, 13; Am. Coot, 10; Killdeer, 22; Common Snipe, 19; Great Horned Owl, 5; **Pygmy Owl, 2** (within 15 ft.); Belted Kingfisher, 1; Red-shafted Flicker, 73; Lewis' Woodpecker, 1; Hairy Woodpecker, 8; Downy Woodpecker, 8; Horned Lark, 283; Steller's Jay, 193; Scrub Jay, 110; Black-billed Magpie, **580**; Common Raven, 1; Common Crow, 68; Piñon Jay, 27; Clark's Nutcracker, 1; Black-capped Chickadee, 32; Mountain Chickadee, 73; Common Bushtit, 12; White-breasted Nuthatch, 22; Red-breasted Nuthatch, 23; Pigmy Nuthatch, 62; Brown Creeper, 3; Dipper, 2; Robin, 228; Townsend's Solitaire, 22; Golden-crowned Kinglet, 9; Cedar Waxwing, 32; Northern Shrike, 4; Loggerhead Shrike, 2; Starling, 382; House Sparrow, 454; Western Meadowlark, 134; Redwinged Blackbird, 144; **Rusty Blackbird, 72** (D.P.); Brewer's Blackbird, 20; House Finch, 172; Pine Siskin, 138; Am. Goldfinch, 32; Rufous-sided Towhee, 13; Rufous-crowned Sparrow, 2; White-winged Junco, 3; Slate-colored Junco, 26; Oregon Junco, 405 (Pink-sided, 142); Gray-headed Junco, 218; junco (sp.), 84; Tree Sparrow, 156; Chipping Sparrow, 8; White-crowned Sparrow, 27; Song Sparrow, 29. **Total,** 76 species (1 additional race); about 5144 individuals.—Mrs. T. L. Adams, Richard G. Beidleman, Mrs. G. L. Catlett, Stanley Davis, Mrs. Kenneth Ewing, Mrs. L. B. Field, Capt. and Mrs. D. W. Galvin, Mrs. George Griffith, Mary Hamilton, Mrs. Dickson Leavens, Mr. and Mrs. Don Malick, Dorothy Mierow, Mr. and Mrs. Paul Nesbit, Mrs. William Noble, Dr. and Mrs. David Parmeter, Mr. and Mrs. Frank Sample (compilers), Mary Shirer, Mahlon Speers, James B. Stabler, Robert M. Stabler, Mrs. E. Van Sickle, Mrs. H. J. Wagner, Mr. and Mrs. H. J. Weberbauer, Mrs. A. D. Williams.

524. Durango, Colo. (all points within a 15-mile diameter circle, center 4½ miles southeast of Durango on Florida Mesa as in 1949 and subsequent years).—Dec. 29; 8 a.m. to 4:30 p.m. Clear; temp. 0° to 27°; wind N, 0-1 m.p.h.; 14-18-in. snow, streams open, ponds frozen. Six observers in 1 party. Total party-hours, 8½ (2½ on foot, 6 by car); total party-miles, 68 (2 on foot, 66 by car). ► Great Blue Heron, 2; Mallard, 26; Shoveler, 1; Common Goldeneye, 35; Common Merganser, 29; Red-tailed Hawk, 1; Golden Eagle, 3; Bald Eagle, 2; Marsh Hawk, 1; **Osprey, 1** (all field marks at close range); Sparrow Hawk, 2; Ring-necked Pheasant, 5; Killdeer, 1; Common Snipe, 5; Belted Kingfisher, 5; Red-shafted Flicker, 7; Lewis' Woodpecker, 3; Hairy Woodpecker, 1; Downy Woodpecker, 1; Horned Lark, 4; Scrub Jay, 1; Black-billed Magpie, 54; Common Raven, 2; Common Crow, 4; Piñon Jay, 215; Dipper, 10; Robin, 53; Townsend's Solitaire, 3; Loggerhead Shrike, 1; Starling, 74; House Sparrow, 45; Western Meadowlark, 19; Redwinged Blackbird, 2; Am. Goldfinch, 1; Oregon Junco, 92; Gray-headed Junco, 9; White-crowned Sparrow, 4; Song Sparrow, 4. **Total,** 38 species; about 728 individuals. (Seen in area count period, but not on count day: Mourning Dove, Western Bluebird, Cedar Waxwing.)—Nancy Frizell, Paul Frizell, Sandra Frizell, Sue Ann Frizell, Thomas J. Frizell, Oppie Reames (compiler).

525. Fort Collins, Colo. (all points within a 15-mile diameter circle, center 4½ miles NNW of town

as in 1948 and subsequent years).—Dec. 27; 7:15 a.m. to 5:15 p.m. Partly cloudy; temp. 20° to 40°; wind NNW, 20-40 m.p.h.; no snow on ground, lakes partially open. Three observers in 2 parties. Total party-hours, 15 (2 on foot, 13 by car); total party-miles, 116 (2 on foot, 114 by car). ► Western Grebe, 1; Canada Goose, 167; Mallard, 22,763; Green-winged Teal, 2; Am. Widgeon, 1; Shoveler, 2; Lesser Scaup, 10; Common Goldeneye, 48; Common Merganser, 18; Red-tailed Hawk, 2; Rough-legged Hawk, 2; Golden Eagle, 1; Bald Eagle, 4; Marsh Hawk, 7; Sparrow Hawk, 1; Ring-necked Pheasant, 14; Red-legged Partridge, 1 (introduced); Common Snipe, 8; Herring Gull, 8; Ring-billed Gull, 1; Great Horned Owl, 2; Belted Kingfisher, 1; Red-shafted Flicker, 16; Downy Woodpecker, 3; Horned Lark, 166; Blue Jay, 8; Steller's Jay, 1; Black-billed Magpie, 128; Common Raven, 2; Black-capped Chickadee, 7; Mountain Chickadee, 6; Pigmy Nuthatch, 8; Brown Creeper, 2; Dipper, 4; Cañon Wren, 3; Robin, 35; Townsend's Solitaire, 2; **Cedar Waxwing, 14** (carefully identified); Northern Shrike, 1; Starling, 37; House Sparrow, 235; Western Meadowlark, 20; House Finch, 15; Pine Siskin, 2; Am. Goldfinch, 11; White-winged Junco, 3; Slate-colored Junco, 4; Oregon Junco, 52; Gray-headed Junco, 1; Tree Sparrow, 19; White-crowned Sparrow, 1; Song Sparrow, 5. **Total,** 52 species; about 23,875 individuals.—John R. Douglass, Margaret M. Douglass (compiler), Jack B. Lozier.

526. Grand Junction, Colo. (all points within a 15-mile diameter circle, center same as in other years).—Jan. 3; 8:30 a.m. to 4:30 p.m. Clear; temp. 7° to 20°; wind SE to NW, 5-20 m.p.h.; very little snow, ice in river. Seven observers in 2 parties. Total party-hours, 16 (3 on foot, 13 by car); total party-miles, 58 (7 on foot, 51 by car). ► Great Blue Heron, 2; Mallard, 200; Goshawk, 2; Ferruginous Hawk, 1; Sparrow Hawk, 12; Gambel's Quail, 20; Ring-necked Pheasant, 5; Am. Coot, 1; Red-shafted Flicker, 9; **Say's Phoebe, 1**; Black-billed Magpie, 37; Common Raven, 2; Bewick's Wren, 1; Mockingbird, 1; Robin, 126; Mountain Bluebird, 8; Ruby-crowned Kinglet, 1; Cedar Waxwing, 50; Loggerhead Shrike, 6; Starling, 1500; House Sparrow, 150; Western Meadowlark, 29; Redwinged Blackbird, 1400; House Finch, 5; Am. Goldfinch, 85; Oregon Junco, 28 (18 Pink-sided); Gray-headed Junco, 7; White-crowned Sparrow, 40; Song Sparrow, 7. **Total,** 29 species; about 3736 individuals.—Edith B. Carman (compiler), Chastine Currier, Mary Coleman, Lucy Ela, George Hooker, Judy Hooker, Winifred Shaw.

527. Gunnison, Colo. (all points within a 15-mile diameter circle, center Blinberry Gulch; spruce-pine-fir woods 30%, sagebrush hills and valleys 50%, river-bottom cottonwoods 10%, town 10%).—Jan. 3; 9:30 a.m. to 5:30 p.m. Clear; temp. −10° to 19°; wind S, 3 m.p.h.; 3-8-in. old snow. One observer. Total hours, 8 (7 on foot, 1 by car); total miles, 39; (9 on foot, 30 by car). ► Mallard, 36; Green-winged Teal, 2; Common Goldeneye, 8; Common Merganser, 6; Hairy Woodpecker, 1; Downy Woodpecker, 1; Horned Lark, 42; Gray Jay, 2; Steller's Jay, 4; Black-billed Magpie, 12; Common Raven, 1; Mountain Chickadee, 16; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 5; Pigmy Nuthatch, 5; Brown Creeper, 4; Dipper, 2; Starling, 14; House Sparrow, 17; Redwinged Blackbird, 50; rosy finch (sp.), 4; Pine Siskin, 50; Red Crossbill, 2; Tree Sparrow, 13. **Total,** 24 species; 298 individuals.—A. Sidney Hyde.

528. Idaho Springs, Colo. (all points within a 15-mile diameter circle, center near junction of U. S. 6 and 40 west of Idaho Springs as in last 8 years).—Jan. 2; 7 a.m. to 4:30 p.m. Partly cloudy; temp. −5° to 20°; wind W, 5-30 m.p.h.; streams partly open, 2-20-in. snow on ground. Ten observers in 4 parties. Total party-hours, 30 (17 on foot, 13 by car); total party-miles, 143 (9 on foot, 134 by car). ► Goshawk, 1; Sharp-shinned Hawk, 1; Hairy Woodpecker, 1; Downy Woodpecker, 3; Gray Jay, **12**; Steller's Jay, 48; Black-billed Magpie, 19; Common Raven, 8; Clark's Nutcracker, **13**; Black-capped Chickadee, 3; Mountain Chickadee, **108**; Red-breasted Nuthatch, 3; Pigmy Nuthatch, 26; Brown Creeper, 1; Dipper, 3; Robin, 44; Townsend's Solitaire, **44**; Golden-crowned Kinglet, 1; Bohemian Waxwing, 8; Northern Shrike, 1; Brown-capped Rosy Finch, 1; White-winged Junco, 1; Slate-colored Junco, 3; Oregon Junco, 67; Gray-headed Junco, 35. **Total,** 25 species; about 455 individuals.—Mr. and Mrs. Joe Borden, Phyllis Caswell, John L. Chapin (compiler), Evelyn Holt, Thompson Marsh, Sadie Morrison, Gwendolyn Smith, Donald Thatcher, Donna Thatcher (Colorado Bird Club).

529. Jefferson County, Colo. (all points within a 15-mile diameter circle, center near break in hogback at Ken Caryl Ranch entrance as in previous years).—Dec. 26; 6:25 a.m. to 5:25 p.m. Snowing all day; temp. 30° to 35°; wind N, 5 m.p.h.; 2-5-in. snow cover, streams and lakes 60% open. Twenty-four observers in 8 parties. Total party-hours, 56 (32 on foot, 24 by car); total party-miles, 270 (24 on foot, 246 by car). ► Canada Goose, 734; Mallard, 704; Gadwall, 79; Pintail, 35; Green-winged Teal, 115; Am. Widgeon, 55; Shoveler, 7; Redhead, 10; Ring-necked Duck, 31; Canvasback, 22; Common Goldeneye, 42; Bufflehead, 1; **Hooded Merganser, 5** (present all fall); Common Merganser, 314; Cooper's Hawk, 4; Red-tailed Hawk, 3; Rough-legged Hawk, 1; buteo (sp.), 2; Marsh Hawk, 4; Pigeon Hawk, 1; Sparrow Hawk, 6; Ring-necked Pheasant, 60; Am. Coot, 81; Killdeer, 12; Common Snipe, 7; Herring Gull, 2; Ring-billed Gull, 8; Mourning Dove, 2; Screech Owl, 1; Great Horned Owl, 1; **Pygmy Owl, 1**; Belted Kingfisher, 7; Red-shafted Flicker, 74; Hairy Woodpecker, 1; Downy Woodpecker, 4; Horned Lark, 15; Steller's Jay, 9; Scrub Jay, 13; Black-billed Magpie, **718**; Common Crow, 230; Black-capped Chickadee, 73; Mountain Chickadee, 24; White-breasted Nuthatch, 1; Pigmy Nuthatch, 6; Brown Creeper, 2; Dipper, 3; Winter Wren, 1; Long-billed Marsh Wren, 1; Cañon Wren, 7; Robin, 52; Townsend's Solitaire, 25; Cedar Waxwing, 1; Northern Shrike, 2; Starling, 389; House Sparrow, 152; Western Meadowlark, 292; Redwinged Blackbird, 171; Rusty Blackbird, 12; Brewer's Blackbird, 115; **Common Grackle, 1** (carefully identified—T.M.); House Finch, 240; rosy finch (sp.), 30; Pine Siskin, 1; Am. Goldfinch, 17; Rufous-sided Tow-

hee, 2; White-winged Junco, **56**; Slate-colored Junco, 30; Oregon Junco, 300; Gray-headed Junco, 91; junco (sp.), 11; Tree Sparrow, 158; Harris' Sparrow, **10**; White-crowned Sparrow, 38; **Swamp Sparrow, 1** (all field marks); Song Sparrow, 83. **Total,** 73 species; about 5819 individuals.—Phillip Alexander, Vernon Betts, Dennis Carter, John L. Chapin (compiler), Ann Condit, William Foerster, Tony Gaskill, Irving Greenbaum, Netta Henricks, H. Holt, Evelyn Holt, Kenneth Lane, Norma Leonard, Edwin L. Licht, Lucy Marsh, Thompson Marsh, E. D. McKee, Phyllis McRae, Sadie Morrison, Margaret Murphey, Mary Robinson, Robina Storrie, Donald Thatcher, Donna Thatcher (Colorado Bird Club).

530. Longmont, Colo. (all points within a 15-mile diameter circle, center on West 9th Ave. 1½ miles west of city limits; farmland and roadsides 66%, lakes and ponds 15%, creekbottoms and seepage ditches 15%, marshes 2%, city, cemetery and parks 2%).—Dec. 26; 7 a.m. to 5 p.m. Cloudy, light rain a.m.; temp. 34° to 41°; wind N, 10-30 m.p.h.; ground bare, streams and large lakes partly open. Sixteen observers in 7 parties. Total party-hours, 55 (21 on foot, 34 by car); total party-miles, 291 (24 on foot, 267 by car). ► Great Blue Heron, 5; Canada Goose, 8; Mallard, 23,572; Gadwall, 5; Pintail, 2; Green-winged Teal, 150; Am. Widgeon, 9; Shoveler, 3; Redhead, 6; Lesser Scaup, 1; Common Goldeneye, 110; Bufflehead, 3; Common Merganser, 3; Red-tailed Hawk, 9; Rough-legged Hawk, 16; Ferruginous Hawk, 1; Golden Eagle, 5; Bald Eagle, 1; Marsh Hawk, 15; Prairie Falcon, 1; Pigeon Hawk, 1; Sparrow Hawk, 11; Bobwhite, 2; Ring-necked Pheasant, 65; Am. Coot, 1; Killdeer, 16; Common Snipe, 13; Herring Gull, 1; Ring-billed Gull, 19; Mourning Dove, 18; Great Horned Owl, 2; Long-eared Owl, 6; Short-eared Owl, 1; Belted Kingfisher, 8; Red-shafted Flicker, 226; Lewis' Woodpecker, 9; Hairy Woodpecker, 11; Downy Woodpecker, 24; Horned Lark, 38; Blue Jay, 33; Steller's Jay, 74; Black-billed Magpie, 366; Common Raven, 2; Common Crow, 1357; Black-capped Chickadee, 57; Mountain Chickadee, 13; White-breasted Nuthatch, 5; Brown Creeper, 2; Dipper, 2; Robin, 63; Townsend's Solitaire, 2; Cedar Waxwing, 35; Northern Shrike, 6; Loggerhead Shrike, 2; Starling, 1096; House Sparrow, 1209; Western Meadowlark, 368; Redwinged Blackbird, 2323; Brewer's Blackbird, 175; Common Grackle, **30**; Cassin's Finch, 4; House Finch, 120; Pine Siskin, 50; Am. Goldfinch, 49; **Green-tailed Towhee, 1** (close range, Mrs. C.N.C.); Rufous-sided Towhee, 2; White-winged Junco, 4; Slate-colored Junco, 25; Oregon Junco, 212; Gray-headed Junco, 15; Tree Sparrow, 167; Harris' Sparrow, 4; White-crowned Sparrow, 103; Song Sparrow, 35. **Total,** 74 species; about 32,408 individuals. (Seen in area count period, but not on count day: Rusty Blackbird.)—Jay H. Arnold, Inez Baker, Mrs. Oral Case, Mrs. Carl N. Collister (compiler), Camille Cummings, Harold Dunning, Mrs. Fred Fox, Ella Haubold, Verna Haubold, Mr. and Mrs. Wm. B. Johnson, Rosemary Newsome, W. C. Schoning, Gwen Smith, Mrs. Nina Stultz, Merle Thielen (Longmont Bird Club).

531. Loveland, Colo. (all points within a 15-mile diameter circle, center on bridge over Big Thompson River on U. S. 34 as in 1955 and subsequent years).—Dec. 24; 8 a.m. to 4:40 p.m. Clear; temp. 32° to 55°; wind N, 1-5 m.p.h.; ground clear, lakes partially open. Two observers in 1 party. Total party-hours, 8 2/3 (2 on foot, 6 2/3 by car); total party-miles, 76 (1 on foot, 75 by car). ► Canada Goose, 22; Mallard, 12,839; Pintail, 100; Green-winged Teal, 20; Common Goldeneye, 6; Common Merganser, 57; Goshawk, 1; Rough-legged Hawk, 3; Marsh Hawk, 1; Sparrow Hawk, 1; Ring-necked Pheasant, 5; Ring-billed Gull, 3; Great Horned Owl, 2; Short-eared Owl, 1; Belted Kingfisher, 4; Red-shafted Flicker, 13; Hairy Woodpecker, 1; Downy Woodpecker, 5; Horned Lark, 1; Steller's Jay, 39; Black-billed Magpie, 112; Common Crow, 1; Black-capped Chickadee, 8; Mountain Chickadee, 3; Brown Creeper, 3; Dipper, 16; Cañon Wren, 4; **Mockingbird, 1** (all field marks, close); Robin, 103; Townsend's Solitaire, 8; Ruby-crowned Kinglet, 1; Bohemian Waxwing, 1; Northern Shrike, 2; Starling, 67; House Sparrow, 14; Western Meadowlark, 19; House Finch, 1; Am. Goldfinch, 1; White-winged Junco, 1; Slate-colored Junco, 3; Oregon Junco, 166; Gray-headed Junco, 1; Tree Sparrow, 7; White-crowned Sparrow, 4; Song Sparrow, 3. **Total,** 45 species; about 13,674 individuals.—John R. Douglass, Margaret M. Douglass (compiler).

532. Rocky Mountain National Park, Colo. (all points within a 15-mile diameter circle, center 1 mile west of Estes Park Village on Highway 34; elevation 7500-10,800 ft.; grassland 15%, evergreen forest 60%, aspen 5%, creekbottoms and lakes 15%, town and built-up areas 5%).—Dec. 23; 7 a.m. to 5 p.m. Clear; temp. 25° to 40°; wind NW, 0-30 m.p.h.; very little snow on ground, Lake Estes open. Seven observers in 3 parties. Total party-hours, 18 (10 on foot, 8 by car); total party-miles, 106 (14 on foot, 92 by car). ► Common Goldeneye, 60; **Barrow's Goldeneye, 1** (on lake all fall); Common Merganser, 5; White-tailed Ptarmigan, 1; Steller's Jay, 36; Black-billed Magpie, 13; Common Raven, 4; Clark's Nutcracker, 4; Black-capped Chickadee, 3; Mountain Chickadee, 22; White-breasted Nuthatch, 4; Red-breasted Nuthatch, 1; Pigmy Nuthatch, 9; Brown Creeper, 1; Dipper, 11; Robin, 4; Townsend's Solitaire, 10; Northern Shrike, 1; White-winged Junco, 2; Oregon Junco, 2; Gray-headed Junco, 10. **Total,** 21 species; about 204 individuals.—Paul H. Baldwin, P. Thomas Baldwin, R. Owen Baldwin, Wayne W. Bryant, John R. Douglass, Margaret M. Douglass (compiler), Norman M. Simmons.

533. Weldona, Colo. (all points within a 15-mile diameter circle, center in middle of Sect. 34, T5N, R58W in Morgan County, including Rollin Ranch, Fort Morgan, Muir Springs, other localities along South Platte River, Bijou Reservoir, Weldona; river-bottom 36%, open country 34%, residential 20%, farmyards and brushy areas along roads 10%).—Dec. 30; 7 a.m. to 4 p.m. Clear to cloudy; temp. 7° to 36°; wind SW, 0-5 m.p.h.; ground bare, river open, reservoir frozen. Eleven observers in 2 parties. Total party-hours, 15 (11 on foot, 4 by car); total party-

miles, 73 (10 on foot, 63 by car). ► Great Blue Heron, 1; Mallard, 24; Green-winged Teal, 1; Goshawk, 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 1; Red-tailed Hawk, 2; Rough-legged Hawk, 5; Ferruginous Hawk, 1; Marsh Hawk, 10; Prairie Falcon, 4; Sparrow Hawk, 3; Ring-necked Pheasant, 6; Killdeer, 3; Common Snipe, 3; Mourning Dove, 18; Great Horned Owl, 2; Belted Kingfisher, 2; Red-shafted Flicker, 21; Hairy Woodpecker, 3; Downy Woodpecker, 3; Horned Lark, 189; Blue Jay, 8; Black-billed Magpie, 66; Common Crow, 2; Black-capped Chickadee, 9; Brown Creeper, 1; **Water Pipit,** 1 (carefully identified); Northern Shrike, 6; Starling, 55; House Sparrow, 132; Western Meadowlark, 29; Redwinged Blackbird, 1880; Brewer's Blackbird, 110; House Finch, 3; Am. Goldfinch, **148**; Slate-colored Junco, 16; Oregon Junco, 167 (2 races); Tree Sparrow, 240; White-crowned Sparrow, 75; Song Sparrow, 17. **Total,** 41 species (1 additional race); about 3269 individuals. (Seen in area count period, but not on count day: Golden Eagle, Lapland Longspur.)—Mr. and Mrs. Lawrence Bonner, Dennis L. Carter (compiler), Irving Greenbaum, Mrs. C. W. Hansen, Evelyn Holt, Harold Holt, Mrs. Estella McCutcheon, Howard Rollin, Donald M. Thatcher, Donna Thatcher (Colorado Bird Club).

534. Clayton, N. Mex. (all points within a 15-mile diameter circle, center 6 miles NW of Clayton, including Clayton, Perico Creek, Rabbit Ear Creek, Clayton Lake, refuge; town 2%, farming 3%, open prairie 15%, cottonwood-lined creeks, cedar-sloped canyon 50%, lake and refuge 30%).—Dec. 26; 8 a.m. to 5 p.m. Clear early, rain and snow p.m.; temp. 31° to 45°; wind S, 6-12 m.p.h. Three observers in 2 parties. Total party-hours, 9 (5 on foot, 4 by car); total party-miles, 52 (6 on foot, 46 by car). ► Great Blue Heron, 1; **Whistling Swan,** 1; Canada Goose, 24; Mallard, 12; Gadwall, 3; Green-winged Teal, 2; Redhead, 4; Rough-legged Hawk, 1; Sparrow Hawk, 5; Scaled Quail, 50; Killdeer, 1; Mourning Dove, 12; Roadrunner, 2; Great Horned Owl, 2; Yellow-shafted Flicker, 1; Red-shafted Flicker, 10; Downy Woodpecker, 1; Horned Lark, 110; Black-billed Magpie, 22; Mockingbird, 1; Robin, 1; Townsend's Solitaire, 2; Loggerhead Shrike, 6; Starling, 1500; House Sparrow, 300; Western Meadowlark, 211; Redwinged Blackbird, 100; House Finch, 40; Am. Goldfinch, 54; Brown Towhee, 5; Savannah Sparrow, 1; Slate-colored Junco, 3; Oregon Junco, 245 (Pink-sided, 225); Tree Sparrow, 50; White-crowned Sparrow, 4; Song Sparrow, 10. **Total,** 36 species (1 additional race); about 2797 individuals. (Seen in area count period, but not on count day: Cooper's Hawk, Red-tailed Hawk, Ferruginous Hawk, Golden Eagle, Marsh Hawk, Prairie Falcon, Pigeon Hawk, Chestnut-collared Longspur.)—W. W. Cook (compiler), David F. Bartlett, Paul W. Snoeberger.

535. Espanola, N. Mex. (all points within a 15-mile diameter circle, center Espanola bridge as in preceding years, including pueblos of San Juan, Santa Clara, San Ildefonso, towns of Pojoaque, Chamita, Chimayo, Alcalde; riverbottoms 45%, orchards and fields 30%, conifer mesa 5%, open prairie 10%, canyons 10%).—Jan. 2; 8 a.m. to 5 p.m. Clear; temp. 10° to 25°; wind 0-10 m.p.h.; ground snow-covered, river open, ponds frozen. Fourteen observers in 7 parties. Total party-hours, 91 (59 on foot, 32 by car); total party-miles, 388 (71 on foot, 317 by car). ► Great Blue Heron, 5; **Whistling Swan,** 1 (J.T., M.H., B.H.); Mallard, 13; Green-winged Teal, 1; Shoveler, 2; Common Goldeneye, 2; Bufflehead, 3; Sharp-shinned Hawk, 4; Cooper's Hawk, 1; Red-tailed Hawk, 11; Marsh Hawk, 7; **Peregrine Falcon,** 1; Sparrow Hawk, 8; Scaled Quail, 48; Gambel's Quail, 63; Ring-necked Pheasant, 8; Killdeer, 18; Common Snipe, 10; **Spotted Sandpiper,** 1 (all field marks); Mourning Dove, 21; Roadrunner, 1; Screech Owl, 1; Belted Kingfisher, 4; Red-shafted Flicker, 125; Lewis' Woodpecker, 16; Hairy Woodpecker, 4; Downy Woodpecker, 8; Ladder-backed Woodpecker, 6; Say's Phoebe, 2; Horned Lark, 129; Steller's Jay, 1; Scrub Jay, 7; Black-billed Magpie, 152; Common Raven, 20; Common Crow, 212; Piñon Jay, 110; Black-capped Chickadee, 18; Plain Titmouse, 1; Common Bushtit, 115; Bewick's Wren, 1; Long-billed Marsh Wren, 1; Mockingbird, 1; Robin, 159; **Hermit Thrush,** 1 (carefully identified); Western Bluebird, 35; Mountain Bluebird, 15; Townsend's Solitaire, 20; Ruby-crowned Kinglet, 1; Water Pipit, 4; Loggerhead Shrike, 5; Starling, 1717; Audubon's Warbler, 3; House Sparrow, 295; Western Meadowlark, 62; Redwinged Blackbird, 142; **Rusty Blackbird,** 1 (J.T.); Brewer's Blackbird, 35; Evening Grosbeak, 17; Cassin's Finch, 1; House Finch, 972; **Gray-crowned Rosy Finch, 20**; **Black Rosy Finch, 50**; **Brown-capped Rosy Finch, 130** (all rosy finches in 1 flock, studied at leisure—W.B.L.); Pine Siskin, 82; Am. Goldfinch, 30; Rufous-sided Towhee, 12; Brown Towhee, 23; **Slate-colored Junco,** 1 (L.W.); Oregon Junco, 4200 (1170 Pink-sided); Gray-headed Junco, 250; Tree Sparrow, 26; White-crowned Sparrow, 656; Song Sparrow, 302. **Total,** 73 species (1 additional race); about 10,430 individuals.—Carl W. Bjorklund, Marilyn Bjorklund, Don T. Cromer, Marge Cromer, Marielle Fenstermacher, Mike Hamilton, Tidey Hamilton, Bill Huey, W. Burton Lewis (compiler), Cathy Lewis, Joseph D. Pickard, James Travis, Marylou Travis, Leon Wiard.

536. Las Vegas, N. Mex. (all points within a 15-mile diameter circle, center Sixth and Douglas Streets; area not completely covered).—Dec. 31; 7:30 a.m. to 5:15 p.m. Partly cloudy; temp. 30° to 36°; wind 0-40 m.p.h.; 1-in. fresh snow over 2-12-in. old snow. Two observers in 1 party. Total party-hours, 9¾; total party-miles, 45 (8 on foot, 37 by car). ► **Common Loon,** 1 (present since Nov.); **Green Heron,** 1 (seen well twice since); Canada Goose, 53; Mallard, 150; Gadwall, 11; Green-winged Teal, 214; Am. Widgeon, 68; Shoveler, 35; Redhead, 206; Ring-necked Duck, **150**, Canvasback, 21; Common Goldeneye, 16; Bufflehead, 21; Ruddy Duck, 1; Common Merganser, **671**; Red-tailed Hawk, 1; Ferruginous Hawk, 1; Marsh Hawk, 3; Peregrine Falcon, 1; Sparrow Hawk, 3; Am. Coot, 1285; Killdeer, 26; Common Snipe, 64; Ring-billed Gull, 32; Belted Kingfisher, 7; Red-shafted Flicker, 19; **Lewis' Woodpecker,** 1; Hairy Woodpecker, 3; Downy Woodpecker, 2; Horned

Lark, 65; Steller's Jay, 17; Black-billed Magpie, 197; Common Raven, 152; Common Crow, 15; **Black-capped Chickadee, 3** (seen well); Mountain Chickadee, 8; Dipper, 1; Cañon Wren, 2; Robin, 2; Ruby-crowned Kinglet, 14; Loggerhead Shrike, 1; Starling, 812; House Sparrow, 19; Western Meadowlark, 114; Redwinged Blackbird, 5; House Finch, 3; Lesser Goldfinch, 6; Rufous-sided Towhee, 4; Brown Towhee, 6; Oregon Junco, 939 (half Pink-sided); Gray-headed Junco, 429; Tree Sparrow, 5; White-crowned Sparrow, 7; Song Sparrow, 34. **Total,** 54 species (1 additional race); about 5927 individuals.—John Gavahan, Elmer Schooley (compiler).

537. Roswell, N. Mex. (all points within a 15-mile diameter circle, center at Hondo bridge, East College, including Roswell, Bitter Lakes Refuge; prairie 64%, irrigated farms 28%, city 4%, riverbottom 2%, lakes and ponds 2%).—Dec. 30; 6:30 a.m. to 5:30 p.m. Clear a.m., partly cloudy p.m.; temp. 24° to 52°; wind W, 2-5 m.p.h. Six observers in 4 parties. Total party-hours, 60 (6 on foot, 54 by car); total party-miles, 275 (11 on foot, 264 by car). ► Eared Grebe, 6; Pied-billed Grebe, 25; Double-crested Cormorant, 3; Great Blue Heron, 30; Common Egret, 1; Black-crowned Night Heron, 11; Am. Bittern, 2; Whistling Swan, 1; Canada Goose, 102; Snow Goose, 4; Mallard, 8212; Gadwall, 76; Pintail, 2962; Green-winged Teal, 318; Am. Widgeon, 9074; Shoveler, 1086; Redhead, 40; Ring-necked Duck, 1248; Canvasback, 1278; Lesser Scaup, 12; Common Goldeneye, 6; Bufflehead, 93; Ruddy Duck, 556; Hooded Merganser, 2; Common Merganser, 173; Cooper's Hawk, 5; Red-tailed Hawk, 9; Rough-legged Hawk, 3; Ferruginous Hawk, 2; Golden Eagle, 1; Marsh Hawk, 24; Prairie Falcon, 1; Sparrow Hawk, 27; Scaled Quail, 86; Ring-necked Pheasant, 4; Sandhill Crane, 12,350; Am. Coot, 5118; Killdeer, 6; Common Snipe, 1; Greater Yellowlegs, 2; Dunlin, 3; Herring Gull, 4; Ring-billed Gull, 130; Mourning Dove, 67; Roadrunner, 3; Great Horned Owl, 4; Burrowing Owl, 1; Belted Kingfisher, 3; Red-shafted Flicker, 31; Hairy Woodpecker, 1; Eastern Phoebe, 1; Say's Phoebe, 5; Horned Lark, 450; House Wren, 1; Long-billed Marsh Wren, 6; Mockingbird, 3; Robin, 8; Ruby-crowned Kinglet, 1; Water Pipit, 494; Loggerhead Shrike, 16; Starling, 3850; Audubon's Warbler, 5; **Yellowthroat, 1** (unmistakable male); House Sparrow, 3150; Western Meadowlark, 360; Redwinged Blackbird, 641; Brewer's Blackbird, 470; blackbird (sp.), 10,000; House Finch, 21; Am. Goldfinch, 46; Lark Bunting, 100; Savannah Sparrow, 14; Baird's Sparrow, 14; Vesper Sparrow, 1; Oregon Junco, 132; Gray-headed Junco, 4; Tree Sparrow, 4; Chipping Sparrow, 10; White-crowned Sparrow, 935; Lincoln's Sparrow, 1; Swamp Sparrow, 6; Song Sparrow, 56. **Total,** 81 species; about 64,015 individuals.—Delbert L. Boggs, Russell W. Clapper, R. A. Garrett, Vester Montgomery (compiler), James H. Sikes, Johnnie L. White.

538. Santa Fe, N. Mex. (all points within a 15-mile diameter circle, center Santa Fe Railway freight depot; urban and suburban 15%, grassland 34%, piñon and juniper 40%, pine and spruce 10%, water 1%).—Dec. 27; 6:30 a.m. to 6 p.m. Snowing until 2:30 p.m.; temp. 15° to 30°; wind 0-5 m.p.h.; ground snow-covered, little open water. Nine observers in 4 parties. Total party-hours, 36 (23 on foot, 13 by car); total party-miles, 188 (23 on foot, 165 by car). ► Green-winged Teal, 3; Common Goldeneye, 2; Goshawk, 1; Sharp-shinned Hawk, 1; Red-tailed Hawk, 2; Marsh Hawk, 2; Pigeon Hawk, 1; Sparrow Hawk, 10; Scaled Quail, 20; Gambel's Quail, 47; Common Snipe, 1; Mourning Dove, 9; **Yellow-shafted Flicker, 1** (3 observers); Red-shafted Flicker, 42; Lewis' Woodpecker, 30; Williamson's Sapsucker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 4; Ladder-backed Woodpecker, 8; Horned Lark, 466; Steller's Jay, 30; Scrub Jay, 90; Black-billed Magpie, 2; Common Raven, 241; Common Crow, 50; Piñon Jay, 354; Black-capped Chickadee, 13; Mountain Chickadee, 20; Plain Titmouse, 25; Common Bushtit, 165; Mockingbird, 4; Robin, 220; Hermit Thrush, 1; Western Bluebird, 54; Mountain Bluebird, 3; Townsend's Solitaire, 91; Loggerhead Shrike, 3; Starling, 224; House Sparrow, 423; Western Meadowlark, 34; Redwinged Blackbird, 30; Cassin's Finch, 69; House Finch, 662; Pine Siskin, 19; Am. Goldfinch, 9; Rufous-sided Towhee, 63; Brown Towhee, 62; Slate-colored Junco, 12; Oregon Junco, 2450; Gray-headed Junco, 892; Tree Sparrow, 21; White-crowned Sparrow, 160; White-throated Sparrow, 17; Song Sparrow, 83. **Total,** 54 species; about 7250 individuals. (Seen in area count period, but not on count day: Roadrunner, Cedar Waxwing, Warbling Vireo (at feeder since Oct.), Myrtle Warbler, Audubon's Warbler, Evening Grosbeak, Baird's Sparrow, **Lark Sparrow**.)—Tidey Hamilton, Michael Hamilton, William Huey, Burton Lewis, Doris Miller, Julius Miller, James Travis, Marylou Travis, Leon Wiard (compiler).

539. Moscow, Idaho (all points within a 15-mile diameter circle, center Sixth and Main Sts.; open fields 80%, coniferous forest 10%, suburban 5%, deciduous-coniferous 1%, brush 2%, streambottoms 2%).—Dec. 28; 6:30 a.m. to 4:15 p.m. Clear; temp. 15° to 32°; wind W, 0-10 m.p.h.; ground slightly snow-covered, water frozen. Seven observers in 3 parties. Total party-hours, 27 (5 on foot, 22 by car); total party-miles, 427 (22 on foot, 405 by car). ► Mallard, 3; Goshawk, 1; Sharp-shinned Hawk, 1; Red-tailed Hawk, 12; Rough-legged Hawk, 14; **Ferruginous Hawk, 2** (studied at leisure); Marsh Hawk, 23; Sparrow Hawk, 9; **Blue Grouse, 1** (close—P.D.); Ruffed Grouse, 4; California Quail, 12; Ring-necked Pheasant, 102; Killdeer, 2; Mourning Dove, 9; Great Horned Owl, 7; Pygmy Owl, 2; Short-eared Owl, **94** [amazing—Ed.]; **Saw-whet Owl, 1**; Red-shafted Flicker, 44; Pileated Woodpecker, 2; **Lewis' Woodpecker, 1** (seen well); Hairy Woodpecker, 10; Downy Woodpecker, 1; Horned Lark, 30; Gray Jay, 2; Steller's Jay, 8; Black-billed Magpie, 157; Black-capped Chickadee, 65; Mountain Chickadee, 30; Chestnut-backed Chickadee, 1; White-breasted Nuthatch, 5; Red-breasted Nuthatch, 74; Pigmy Nuthatch, 63; Brown Creeper, 8; Winter Wren, 2; Varied Thrush, 2; Robin, 1; Golden-crowned Kinglet, 31 **Water Pipit, 14** (carefully identified); Bohemian Waxwing, 250; Northern Shrike, **20**; Starling, 1070; **Audubon's Warbler, 1** (P.D.); House Sparrow,

1380; **Redwinged Blackbird, 1**; **Brewer's Blackbird, 22**; House Finch, 25; Am. Goldfinch, 81; Rufous-sided Towhee, 1; **Vesper Sparrow, 1** (very close—L.O.); **Slate-colored Junco, 1**; Oregon Junco, 248; **White-crowned Sparrow, 29** (3 flocks); Song Sparrow, 63; Snow Bunting, 2. **Total,** 55 species; about 4046 individuals.—Wayne Aller, Roger Christianson, Phil Dumas, Maynard Fosberg, Kay Oakes, Lew Oring (compiler), Dale Orkney.

540. Nampa, Idaho (all points within a 15-mile diameter circle, center Deer Flat Wildlife Refuge; sagebrush 20%, plowland 40%, fencerows 20%, brushland 15%, town shrubs 5%).—Dec. 26; 8 a.m. to 5:30 p.m.; temp. 18° to 36°; wind 5-15 m.p.h. Six observers in 2 parties. Total party-hours, 19 (4 on foot, 15 by car); total party-miles, 81 (4 on foot, 77 by car). ► Horned Grebe, 2; Great Blue Heron, 1; Canada Goose, 6012; Mallard, 210,000; Pintail, 15,000; Am. Widgeon, 2002; Shoveler, 500; Lesser Scaup, 105; Common Goldeneye, 687; Barrow's Goldeneye, 100 [no details—Ed.]; Common Merganser, 111; Red-tailed Hawk, 6; Golden Eagle, 1; Marsh Hawk, 21; Sparrow Hawk, 13; Bobwhite, 15; California Quail, 8; Ring-necked Pheasant, 67; Am. Coot, 64; Killdeer, 5; Ring-billed Gull, 5533; Mourning Dove, 7; Great Horned Owl, 1; Short-eared Owl, 2; Red-shafted Flicker, 27; Hairy Woodpecker, 1; Horned Lark, 20; Black-billed Magpie, 83; Common Crow, 79; Mountain Chickadee, 5; Brown Creeper, 1; **Cedar Waxwing, 14**; Northern Shrike, 1; Starling, 2871; House Sparrow, 1837; Western Meadowlark, 54; Brewer's Blackbird, 291; Evening Grosbeak, 22; House Finch, 25; Common Redpoll, 1; Am. Goldfinch, 49; Oregon Junco, 304; White-crowned Sparrow, 849; Song Sparrow, 3. **Total,** 44 species; about 251,300 individuals.—Elsie Allan, Gene Crawford, Mona Darrington, Mrs. Bill Harvey, Mrs. C. C. Hill, Mrs. Hugh E. Shaw (compiler).

541. Bear River Migratory Bird Refuge, Utah (all points within a 15-mile diameter circle; from Headquarters west along canal road, south and east over dikes to Perry, north following highway along foothills to Brigham, west through fields and over salt flats, touching points along Bear River, back to Headquarters; marsh and ponds 50%, fields and farmlands 25%, open pasture and river banks 25%).—Dec. 23; 8 a.m. to 4 p.m. Light overcast, some fog, clearing p.m.; temp. 30° to 46°. Three observers in 1 party. Total party-hours, 8 (1 on foot, 7 by car); total party-miles, 41 (1 on foot, 40 by car). ► Pied-billed Grebe, 29; Great Blue Heron, 74; Whistling Swan, 5301; Canada Goose, 1015; Snow Goose, 3; Mallard, 3360; Gadwall, 2; Pintail, 8350; Green-winged Teal, 3220; Am. Widgeon, 150; Shoveler, 643; Canvasback, 3; Common Goldeneye, 70; Bufflehead, 5; Ruddy Duck, 5; Common Merganser, 19; Red-breasted Merganser, 4; Rough-legged Hawk, 12; Golden Eagle, 3; Bald Eagle, 3; Marsh Hawk, 9; Sparrow Hawk, 1; Ring-necked Pheasant, 119; Am. Coot, 25; Killdeer, 28; Common Snipe, 4; Ring-billed Gull, 153; Short-eared Owl, 1; Red-shafted Flicker, 3; Horned Lark, 9; Black-billed Magpie, 29; Common Raven, 11; Black-capped Chickadee, 1; Long-billed Marsh Wren, 4; Water Pipit, 43; Cedar Waxwing, 15; Loggerhead Shrike, 1; Starling, 656; House Sparrow, 183; Western Meadowlark, 2; Redwinged Blackbird, 259; Brewer's Blackbird, 33; Cassin's Finch, 61; Am. Goldfinch, 78; Oregon Junco, 7; Tree Sparrow, 2; White-crowned Sparrow, 21; Song Sparrow, 22. **Total,** 48 species; about 24,051 individuals. (Seen in area count period, but not on count day: Lesser Scaup, **Marbled Godwit,** Herring Gull.)—Fred L. Bolwahnn, Malcolm McDonald, Vanez T. Wilson (compiler), Leo T. Young.

542. Hyde Park, Utah (all points within a 15-mile diameter circle, center junction of Hyde Park Road and Highway 91; fields and farmlands 40%, canyons and mountains 20%, towns and farmyards 20%, meadows and marshes 20%).—Dec. 26; 7:45 a.m. to 5:20 p.m. Clear to partly cloudy; temp. 27° to 35°; no wind; light covering of snow, moving water open. Three observers in 1 party. Total party-hours, 9½ (3½ on foot, 6 by car); total party-miles 141 (10 on foot, 131 by car). ► Whistling Swan, 1; Canada Goose, 3; Snow Goose, 25; Mallard, 52; **Black Duck, 1**; Gadwall, 1; Shoveler, 1; Common Goldeneye, 14; Common Merganser, 10; Red-tailed Hawk, 2; Ferruginous Hawk, 3; Marsh Hawk, 1; Ring-necked Pheasant, 27; Killdeer, 4; Common Snipe, 2; Great Horned Owl, 1; Short-eared Owl, 5; Belted Kingfisher, 3; Red-shafted Flicker, 6; Horned Lark, 163; Black-billed Magpie, 195; Black-capped Chickadee, 12; Brown Creeper, 1; Dipper, 3; Robin, 25; Townsend's Solitaire, 16; Northern Shrike, 1; Starling, 1327; House Sparrow, 214; Western Meadowlark, 30; Redwinged Blackbird, 12; Am. Goldfinch, 14; Rufous-sided Towhee, 1; Oregon Junco, 60 (**8 Pink-sided**); White-crowned Sparrow, 15; Song Sparrow, 23. **Total,** 36 species (1 additional race); about 2274 individuals. (Seen in area count period, but not on count day: Chukar, Cassin's Finch, House Finch, Gray-crowned Rosy Finch, Pine Siskin.)—Richard F. Follett (compiler), Wayne C. Hancey, George T. Morrison.

543. Imperial National Wildlife Refuge, Ariz.–Calif. (all points within a 15-mile diameter circle, center at Castle Dome Landing, all observations made inside refuge, Ferguson Lake not included in area; brushy willow-cottonwood woodland 10%, open water with cattail-cane edges 42%, mesquite-arrowweed-tamarisk brush bordering water 30%, desert brush 13%, farm area 5%).—Dec. 23; 7:30 a.m. to 5:45 p.m. Cloudy; temp. 53° to 65°; calm; water levels moderately high, especially at Imperial Dam. Two observers in 2 parties. Total party-hours, 19 (12 on foot, 1 by car, 6 by boat); total party-miles, 47 (7 on foot, 7 by car, 33 by boat). ► Eared Grebe, 9; Western Grebe, 5; Pied-billed Grebe, 14; **Brown Booby, 1** (present since Sept. 1958!); Double-crested Cormorant, 34; Great Blue Heron, 32; Green Heron, 2; Common Egret, 23; Snowy Egret, 8; Black-crowned Night Heron, 3; **White-faced Ibis, 5**; Whistling Swan, 2; Canada Goose, **572**; Snow Goose, 2; Mallard, 8; Gadwall, 27; Pintail, 6; Green-winged Teal, 151; Am. Widgeon, 98; Shoveler, 118; Redhead, 6; Ring-necked Duck, 6; Canvasback, 8; Lesser Scaup,

50; Bufflehead, 19; Ruddy Duck, 19; Common Merganser, 326; Turkey Vulture, 12; Cooper's Hawk, 2; Red-tailed Hawk, 3; Harris' Hawk, 3; Marsh Hawk, 6; Sparrow Hawk, 4; Gambel's Quail, 77; Sora, 8; Common Gallinule, 1; Am. Coot, 5258; Killdeer, 6; Common Snipe, 59; Spotted Sandpiper, 3; Greater Yellowlegs, 1; Least Sandpiper, 248; **Dunlin, 4** (G.M.); Long-billed Dowitcher, 27; Mourning Dove, 20; Roadrunner, 1; Great Horned Owl, 1; Belted Kingfisher, 5; Red-shafted Flicker, 3; Gilded Flicker, 3; Gila Woodpecker, 8; Yellow-bellied Sapsucker, 2; Ladder-backed Woodpecker, 7; Black Phoebe, 2; Say's Phoebe, 7; Vermilion Flycatcher, 1; Tree Swallow, 430; Rough-winged Swallow, 1; Verdin, 5; House Wren, 11; Bewick's Wren, 1; Cactus Wren, 4; Long-billed Marsh Wren, 39; Mockingbird, 7; Crissal Thrasher, 2; Hermit Thrush, 2; Blue-gray Gnatcatcher, 7; Black-tailed Gnatcatcher, 6; Ruby-crowned Kinglet, 16; Water Pipit, 64; Phainopepla, 10; Loggerhead Shrike, 8; Orange-crowned Warbler, 5; Audubon's Warbler, 151; Yellowthroat, 4; **Am. Redstart, 1** (unmistakable); House Sparrow, 2; Western Meadowlark, 4; Redwinged Blackbird, 74; House Finch, 6; Abert's Towhee, 15; Savannah Sparrow, 3; Sage Sparrow, 11; Oregon Junco, 14; White-crowned Sparrow, 49; **Golden-crowned Sparrow, 1**; Lincoln's Sparrow, 3; Song Sparrow, 14. **Total,** 88 species; about 8306 individuals.—Gale Monson (compiler), Billy J. Van Tries.

544. Nogales, Ariz. (all points within a 15-mile diameter circle, center at Bankard and Grand Avenues; elevation 3700-3900 ft.; ponds and streams 13%, weed patches and grassland 49%, mesquite-oak-cottonwood 38%).—Dec. 23; 7 a.m. to 6 p.m. Cloudy; temp. 36° to 64°; no wind. Two observers in 1 party. Total party-hours, 11 (8 on foot, 3 by car); total party-miles, 76 (7 on foot, 69 by car). ► Sharp-shinned Hawk, 1; Red-tailed Hawk, 3; Sparrow Hawk, 4; **Harlequin Quail, 3** (regular here); Killdeer, 10; Least Sandpiper, 42; Mourning Dove, 66; Ground Dove, 11; Roadrunner, 1; Belted Kingfisher, 1; Gila Woodpecker, 11; Ladder-backed Woodpecker, 5; Black Phoebe, 3; Say's Phoebe, 3; Vermilion Flycatcher, 2; Mexican Jay, 1; Common Raven, 111; Verdin, 2; White-breasted Nuthatch, 3; House Wren, 1; Bewick's Wren, 5; Cactus Wren, 3; Rock Wren, 3; Mockingbird, 4; Curve-billed Thrasher, 4; Hermit Thrush, 4; Ruby-crowned Kinglet, 7; Water Pipit, 1; Loggerhead Shrike, 4; Starling, 55; Audubon's Warbler, 10; **Wilson's Warbler, 1**; House Sparrow, 13; Western Meadowlark, 2; Brewer's Blackbird, 6; Brown-headed Cowbird, 17; **Bronzed Cowbird, 3** (all field marks); Cardinal, 5; Pyrrhuloxia, 33; House Finch, 84; Lesser Goldfinch, 1; **Lawrence's Goldfinch, 34** (present several weeks); Green-tailed Towhee, 8; Brown Towhee, 28; Vesper Sparrow, 11; Lark Sparrow, 61; Black-throated Sparrow, 1; Chipping Sparrow, 43; White-crowned Sparrow, 39; Song Sparrow, 10. **Total,** 50 species; about 784 individuals. (Seen in area count period, but not on count day: Green-winged Teal, Marsh Hawk, Gambel's Quail, Bonaparte's Gull, Red-shafted Flicker, **empidonax flycatcher,** Crissal Thrasher, Mountain Bluebird, **Boat-tailed Grackle,** Rufous-crowned Sparrow, Brewer's Sparrow.)—Bill Harrison (compiler), Dolores Harrison.

545. Phoenix, Ariz. (all points within a 15-mile diameter circle, center ¼ mile SE of 91 Ave. and Indian School Rd., including portions of Grand Canal and riverbeds of Salt, New, and Agua Fria Rivers; urban 25%, cotton fields and cropland 24%, grain and pasture fields 12%, citrus 12%, open water and marshes 2%, dry riverbed and creosote-bush desert 25%).—Jan. 3; 6:40 a.m. to 4:40 p.m. Clear; temp. 30° to 50°; wind E, 2-5 m.p.h. Twenty-five observers in 6 parties. Total party-hours, 60 (40 on foot, 20 by car); total party-miles, 998 (104 on foot, 894 by car). ► Green Heron, 4; Canada Goose, 29; Mallard, 30; Pintail, 18; Shoveler, 10; **Redhead, 1** (2 observers); Ruddy Duck, 1; Turkey Vulture, 6; Sharp-shinned Hawk, 2; Cooper's Hawk, 2; Red-tailed Hawk, 3; Harris' Hawk, 1; Marsh Hawk, 37; Prairie Falcon, 1; Peregrine Falcon, 4; Sparrow Hawk, 143; Gambel's Quail, 133; Am. Coot, 12; Killdeer, 170; Common Snipe, 91; Greater Yellowlegs, 14; Lesser Yellowlegs, 2; Least Sandpiper, 590; Long-billed Dowitcher, 8; Mourning Dove, 6146; Ground Dove, 6; Inca Dove, 489; Roadrunner, 14; Screech Owl, 2; Burrowing Owl, 4; Anna's Hummingbird, 3; Red-shafted Flicker, 31; Gilded Flicker, 5; Yellow-bellied Sapsucker, 1; Ladder-backed Woodpecker, 1; Black Phoebe, 14; Say's Phoebe, 16; Vermilion Flycatcher, 29; Verdin, 83; House Wren, 2; Bewick's Wren, 3; Cactus Wren, 41; Long-billed Marsh Wren, 5; Mockingbird, 68; Bendire's Thrasher, 14; Curve-billed Thrasher, 50; Sage Thrasher, 2; Robin, 37; Mountain Bluebird, 124; Blue-gray Gnatcatcher, 1; Ruby-crowned Kinglet, 66; Water Pipit, 645; Cedar Waxwing, 15; Loggerhead Shrike, 108; Starling, 706; Orange-crowned Warbler, 29; Audubon's Warbler, 623; Black-throated Gray Warbler, 2; Yellowthroat, 1; House Sparrow, **22,051**; Western Meadowlark, 295; Yellow-headed Blackbird, 5712; Redwinged Blackbird, 7698; Brewer's Blackbird, 10,769; Boat-tailed Grackle, 9; Brown-headed Cowbird, 11,668; Cardinal, 5; House Finch, 1272; Am. Goldfinch, 14; Lesser Goldfinch, 127; Lawrence's Goldfinch, 89; Green-tailed Towhee, 16; Rufous-sided Towhee, 3; Abert's Towhee, 111; Lark Bunting, 6567; Savannah Sparrow, 12; Vesper Sparrow, 5; Lark Sparrow, 50; Sage Sparrow, 3; Oregon Junco, 28; Chipping Sparrow, 2; Brewer's Sparrow, 99; White-crowned Sparrow, 7050; Lincoln's Sparrow, 24; Song Sparrow, 34. **Total,** 85 species; about 84,411 individuals.—Mary Bonnewell, Frank Brunk, Salome Ross Demaree (compiler), Nina Duncan, Rose Facklam, Ruth Garland, Agnes Hawkins, Jane Horswell, Marion Hunt, Una Miller, James M. Simpson, William E. Smith, Peggy Spaw, Keith Warren, James R. Werner (Maricopa Audubon Society).

546. Prescott, Ariz. (all points within a 15-mile diameter circle, center Gurley and Montezuma Streets; Ponderosa Pine 35%, chaparral 20%, juniper-piñon 15%, open grassland 5%, woodland 10%, lakeshore 5%, suburbs 10%).—Jan. 3; 8 a.m. to 5 p.m. Clear; temp. 2° to 32°; no wind; 2-8-in. snow, lakes and streams mostly frozen. Three observers in one party.

Total party-hours, 9 (3 on foot, 6 by car); total party-miles, 75 (3 on foot, 72 by car). ► Pied-billed Grebe, 2; Great Blue Heron, 1; Red-tailed Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 1; Gambel's Quail, 30; Am. Coot, 12; Killdeer, 2; Least Sandpiper, 2; Mourning Dove, 51; Red-shafted Flicker, 5; Acorn Woodpecker, 6; Yellow-bellied Sapsucker, 13; Hairy Woodpecker, 2; Ladder-backed Woodpecker, 3; Steller's Jay, 7; Scrub Jay, 40; Common Raven, 7; Mountain Chickadee, 6; Plain Titmouse, 2; Bridled Titmouse, 6; Common Bushtit, 72; White-breasted Nuthatch, 7; Pigmy Nuthatch, 6; Bewick's Wren, 3; Robin, 1; Western Bluebird, 10; Ruby-crowned Kinglet, 6; Phainopepla, 1; Loggerhead Shrike, 1; Starling, 1; House Sparrow, 50; Western Meadowlark, 30; Redwinged Blackbird, 225; Brewer's Blackbird, 75; House Finch, 9; Rufous-sided Towhee, 20; Brown Towhee, 11; Lark Sparrow, 2; Slate-colored Junco, 2; Oregon Junco, 266; Gray-headed Junco, 80; Chipping Sparrow, 1; White-crowned Sparrow, 172; Song Sparrow, 3. **Total,** 45 species; about 1254 individuals. (Seen in area count period, but not on count day: Audubon's Warbler, Brown Creeper.)—David Feese, Sally Feese, Heidi McLernon (compiler).

547. Santa Catalina Mountains, Ariz. (all points within a 15-mile diameter circle, center on south slope near Sabino Canyon; pine-fir forest 25%, oak foothill canyons 35%, mesquite-streamside thickets 35%, ponds and marshes 5%).—Dec. 26; 6 a.m. to 5 p.m.; temp. 40° to 54°; wind SW, 15 m.p.h.; heavy rains day and night before, bridges over Upper and Lower Sabino closed. Twenty-one observers in 5 parties. Total party-hours, 40 (25 on foot, 15 by car); total party-miles, 202 (24 on foot, 178 by car). ► Pied-billed Grebe, 2; Great Blue Heron, 2; Green Heron, 1; **Common Egret,** 1 (Peters party); Gadwall, 5; Am. Widgeon, 2; **Wood Duck,** 1 (drake); Ring-necked Duck, 1; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 13; **Zone-tailed Hawk,** 1 (carefully identified—Hubbard party); Golden Eagle, 1; Marsh Hawk, 1; Sparrow Hawk, 16; Gambel's Quail, 51; Am. Coot, 17; Killdeer, 48; Common Snipe, 1; Least Sandpiper, 2; Mourning Dove, 253; Inca Dove, 83; Roadrunner, 9; Pygmy Owl, 1; Belted Kingfisher, 2; Red-shafted Flicker, 41; Gilded Flicker, 13; Gila Woodpecker, 82; Acorn Woodpecker, 1; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 2; Ladder-backed Woodpecker, 7; Arizona Woodpecker, 2; Black Phoebe, 10; Say's Phoebe, 14; Vermilion Flycatcher, 5; Steller's Jay, 3; Mexican Jay, 25; Common Raven, 10; Mountain Chickadee, 35; Bridled Titmouse, 14; Verdin, 32; Common Bushtit, 16; White-breasted Nuthatch, 14; Red-breasted Nuthatch, 1; Pigmy Nuthatch, 66; House Wren, 3; Bewick's Wren, 3; Cactus Wren, 31; Long-billed Marsh Wren, 3; Cañon Wren, 2; Rock Wren, 5; Mockingbird, 8; Bendire's Thrasher, 7; Curve-billed Thrasher, 25; Crissal Thrasher, 5; Robin, 2; Hermit Thrush, 7; Western Bluebird, 47; Townsend's Solitaire, 1; Blue-gray Gnatcatcher, 8; Ruby-crowned Kinglet, 41; Water Pipit, 31; Cedar Waxwing, 1; Phainopepla, 28; Loggerhead Shrike, 15; Starling, 7; Hutton's Vireo, 7; Audubon's Warbler, 53; Black-throated Gray Warbler, 3; House Sparrow, 75; Western Meadowlark, 227; Redwinged Blackbird, 645; Brewer's Blackbird, 841; Boat-tailed Grackle, 4; Brown-headed Cowbird, 107; Cardinal, 33; Pyrrhuloxia, 26; House Finch, 171; Lesser Goldfinch, 98; Lawrence's Goldfinch, 46; Green-tailed Towhee, 7; Rufous-sided Towhee, 4; Brown Towhee, 27; Abert's Towhee, 4; Vesper Sparrow, 8; Lark Sparrow, 31; Rufous-crowned Sparrow, 10; Black-throated Sparrow, 86; **Slate-colored Junco,** 3 (J.T.M.); Oregon Junco, 76; Gray-headed Junco, 24; Mexican Junco, 13; Chipping Sparrow, 175; Brewer's Sparrow, 115; Black-chinned Sparrow, 3; White-crowned Sparrow, 293 (281 Gambel's); Fox Sparrow, 2; Lincoln's Sparrow, 16; Song Sparrow, 12. **Total,** 100 species (1 additional race); about 4438 individuals.—Keith Brown, Jack Darnell, Harry Graul, Bertha Graul, John P. Hubbard, Randolph Jenks, Ivan Peters (compiler), R. B. Streets, Douglas Streets, S. L. Taintor, Fern Taintor, Ross Thornburg, Florence Thornburg (compiler) (Tucson Audubon Society).

548. Santa Cruz Valley, Tucson, Ariz. (all points within a 15-mile diameter circle, center at West 36 and Freeway as in previous years; cultivated farms 60%, cottonwood-mesquite 16%, ponds and lakes 8%, hedgerows and thickets 16%).—Jan. 2; 6:15 a.m. to 5 p.m.; temp. 29° to 52°; wind W, 0-5 m.p.h. Fourteen observers in 4 parties. Total party-hours, 32 (28 on foot, 4 by car); total party-miles, 63 (15 on foot, 48 by car). ► Pied-billed Grebe, 1; Pintail, 61; Redhead, 4; Lesser Scaup, 1; Sharp-shinned Hawk, 7; Cooper's Hawk, 3; Red-tailed Hawk, 15; Marsh Hawk, 1; Prairie Falcon, 1; Sparrow Hawk, 33; Gambel's Quail, 48; Am. Coot, 2; Killdeer, 28; Common Snipe, 2; Least Sandpiper, 55; Mourning Dove, 1630; Ground Dove, 8; Inca Dove, 78; Roadrunner, 8; Great Horned Owl, 2; Belted Kingfisher, 1; Red-shafted Flicker, 17; Gilded Flicker, 8; Gila Woodpecker, 68; Yellow-bellied Sapsucker, 2; Ladder-backed Woodpecker, 8; **Ash-throated Flycatcher,** 1; Black Phoebe, 2; Say's Phoebe, 11; Vermilion Flycatcher, 7; Horned Lark, 60; Common Raven, 5; Verdin, 27; House Wren, 3; Bewick's Wren, 1; Cactus Wren, 26; Rock Wren, 3; Mockingbird, 16; Bendire's Thrasher, 10; Curve-billed Thrasher, 27; Crissal Thrasher, 7; Western Bluebird, 6; Blue-gray Gnatcatcher, 8; Ruby-crowned Kinglet, 22; Water Pipit, **1042**; Cedar Waxwing, 2; Phainopepla, 11; Loggerhead Shrike, 21; Starling, **225**; Orange-crowned Warbler, 2; Audubon's Warbler, 225; Yellowthroat, 2; House Sparrow, 76; Western Meadowlark, 235; Yellow-headed Blackbird, 2101; Redwinged Blackbird, 607; Brewer's Blackbird, 3261; Boat-tailed Grackle, **297**; Brown-headed Cowbird, 631; Cardinal, 21; Pyrrhuloxia, 49; **Lazuli Bunting,** 2; House Finch, 183; Lesser Goldfinch, 19; Lawrence's Goldfinch, 18; Green-tailed Towhee, 25; Brown Towhee, 11; Abert's Towhee, 32; Lark Bunting, **5478**; Savannah Sparrow, 10; Baird's Sparrow, 4; Vesper Sparrow, 28; Lark Sparrow, 48; Oregon Junco, 1; Chipping Sparrow, 5; Brewer's Sparrow, 535; White-crowned Sparrow, 306; Lincoln's Sparrow, 3; Song Sparrow, 9. **Total,** 79 species; about 17,859 individuals. (Seen in area count period, but not on count day: White-throated Swift, Violet-green Swallow, Common Bushtit, Mountain Bluebird.)—Henry and Ruth DuBois, Harry and Bertha Graul, Grace Gregg, Arnold

Lane, Joe T. Marshall, Ivan Peters (compiler), Florence Thornburg (compiler), Joseph Beaty, John P. Hubbard.

549. Sierra Pinta, Cabeza Prieta Game Range, Ariz. (all points within a 15-mile diameter circle, center approximately 5 miles NW of Heart Tank; washes at foot of mountains with Ironwood, Palo Verde, Catclaw, Jumping Bean, Elephant Tree, Chuparosa, etc. 80%, open Creosotebush desert 20%).—Dec. 30; 5:45 a.m. to 4:45 p.m. Mostly clear; temp. 46° to 68°; wind SE, 0-8 m.p.h.; no annual vegetation, perennial vegetation in good condition on Tule Desert, otherwise in dry condition; Heart Tank overflowing. One observer. Total hours, 13 (11 on foot, 2 by car); total miles, 25 (8 on foot, 17 by car). ► Red-tailed Hawk, 2; Sparrow Hawk, 2; Gambel's Quail, 20; **Short-eared Owl, 1** (seen well at close range); Costa's Hummingbird, 2; Gilded Flicker, 2; Gila Woodpecker, 6; Ladder-backed Woodpecker, 1; Ash-throated Flycatcher, 6; Say's Phoebe, 4; Verdin, 10; Cactus Wren, 3; Rock Wren, 5; Mockingbird, 1; Le Conte's Thrasher, 3; Black-tailed Gnatcatcher, 5; Phainopepla, 9; Loggerhead Shrike, 1; Gray Vireo, 1; Black-throated Sparrow, 1; Sage Sparrow, 14; Brewer's Sparrow, 1; White-crowned Sparrow, 62. **Total,** 23 species; about 162 individuals. (Seen in area count period, but not on count day: Screech Owl, Common Raven.)—Gale Monson.

550. Lake Mead National Recreation Area, Nev. (all points within a 15-mile diameter circle, center Boulder Beach, including Las Vegas Wash, Boulder City).—Dec. 30; 8 a.m. to 4:30 p.m.; temp. 35° to 65°; wind 5-15 m.p.h. Five observers in 2 parties. Total party-hours, 17 (13 on foot, 4 by car); total party-miles, 66 (11 on foot, 55 by car). ► Eared Grebe, **198**; Double-crested Cormorant, 8; Great Blue Heron, 2; Mallard, 1; Am. Widgeon, 3; Lesser Scaup, 24; Ruddy Duck, 5; Common Merganser, 8; Red-tailed Hawk, 2; Sparrow Hawk, 1; Am. Coot, 77; Killdeer, 5; Ring-billed Gull, 384; Roadrunner, 2; Red-shafted Flicker, 6; Yellow-bellied Sapsucker, 1; Say's Phoebe, 4; Common Raven, 13; House Wren, 2; Rock Wren, 4; Hermit Thrush, 2; Ruby-crowned Kinglet, 13; Water Pipit, 17; Loggerhead Shrike, 5; Audubon's Warbler, 27; House Sparrow, 73; Western Meadowlark, 6; Brewer's Blackbird, 7; House Finch, 65; **Savannah Sparrow, 2**; Black-throated Sparrow, 2; Sage Sparrow, 6; Oregon Junco, 37; Brewer's Sparrow, 2; White-crowned Sparrow, 63; Song Sparrow, 6. **Total,** 37 species; about 1084 individuals. —Meredith Ingham, Edgar Menning, Kert Menning, James Shaack, Roland Wauer (compiler).

551. Harper, Wash. (all points within a 15-mile diameter circle, center Fragaria, including Vashon Island, Harper, Burley Lagoon, Horseshoe Lake, small lakes west of Banner Road).—Jan. 3; 8 a.m. to 5 p.m. Sunny; temp. 25° to 38°; wind 3 m.p.h.; most water open. Six observers in 2 parties. Total party-hours, 17 (3 on foot, 14 by car and ferry); total party-miles, 106 (5 on foot, 92 by car, 9 by ferry). ► Common Loon, 1; Arctic Loon, 1; Red-necked Grebe, 10; Horned Grebe, 65; Western Grebe, 626; Double-crested Cormorant, 57; Pelagic Cormorant, 2; Great Blue Heron, 1; Am. Widgeon, 275; Ring-necked Duck, 18; Canvasback, 31; Greater Scaup, 49; Common Goldeneye, 125; Bufflehead, 47; White-winged Scoter, 217; Surf Scoter, 27; Ruddy Duck, 75; Hooded Merganser, 1; Red-breasted Merganser, 11; Cooper's Hawk, 1; California Quail, 7; Ring-necked Pheasant, 2; Am. Coot, 50; Killdeer, 14; Black Turnstone, 1; Least Sandpiper, 18; Sanderling, 17; Glaucous-winged Gull, 439; Mew Gull, 150; Bonaparte's Gull, 8; Common Murre, 5; Pigeon Guillemot, 1; Band-tailed Pigeon, 3; Great Horned Owl, 2; Belted Kingfisher, 10; Red-shafted Flicker, 11; Pileated Woodpecker, 1; Downy Woodpecker, 3; Steller's Jay, 3; Northwestern Crow, 210; Black-capped Chickadee, 15; Chestnut-backed Chickadee, 21; Common Bushtit, 8; Red-breasted Nuthatch, 2; Brown Creeper, 2; Winter Wren, 13; Bewick's Wren, 9; Robin, 2202; Varied Thrush, 1; Golden-crowned Kinglet, 33; Ruby-crowned Kinglet, 10; Cedar Waxwing, 432; Northern Shrike, 1; House Sparrow, 20; Redwinged Blackbird, 3; Purple Finch, 23; House Finch, 19; Pine Siskin, 25; Red Crossbill, 30; Rufous-sided Towhee, 15; Oregon Junco, 83; Fox Sparrow, 2; Song Sparrow, 39. **Total,** 63 species; about 5603 individuals.—Bob Boggs, Elsie Boggs, John Boggs, Russell Boggs, Violet E. Cannon (compiler), Doris Jelliffe.

552. Orcas and Wasp Islands, Wash. (all points within a 15-mile diameter circle, center Dolphin Bay; salt-water shoreline 40%, fresh ponds 10%, farmland, range, rural roadside 25%, fir and cedar forest 25%). —Jan. 2; 7:30 a.m. to 5 p.m. Snow a.m., cloudy p.m.; temp. 30° to 35°; wind SE to N, 0-5 m.p.h.; ponds ¾ frozen. Ten observers in 5 parties. Total party-hours, 40; total party-miles, 100 (14 on foot, 80 by car, 6 by boat). ► Common Loon, 4; Arctic Loon, 6; Red-necked Grebe, 13; Horned Grebe, 125; Eared Grebe, 15; Western Grebe, 296; Double-crested Cormorant, 8; Brandt's Cormorant, 110; Pelagic Cormorant, 37; Great Blue Heron, 6; Green Heron, 1; Mallard, 61; Gadwall, 2; Pintail, 57; Am. Widgeon, 203; Ring-necked Duck, 23; Greater Scaup, 313; Lesser Scaup, 46; Common Goldeneye, 139; Barrow's Goldeneye, 9; Bufflehead, 300; Oldsquaw, 28; Harlequin Duck, 30; White-winged Scoter, 302; Surf Scoter, 234; Common Scoter, 31; Ruddy Duck, 5; Hooded Merganser, 41; Common Merganser, 2; Red-breasted Merganser, 57; Sharp-shinned Hawk, 1; Red-tailed Hawk, 5; Bald Eagle, 4; Sparrow Hawk, 1; California Quail, 47; Ring-necked Pheasant, 16; Am. Coot, 32; Black Oystercatcher, 2; Killdeer, 27; Black Turnstone, 43; Dunlin, 5; Sanderling, 3; Glaucous-winged Gull, 461; Herring Gull, 39; California Gull, 47; Ring-billed Gull, 5; Mew Gull, 8; Common Murre, 138; Pigeon Guillemot, 19; Marbled Murrelet, 19; Ancient Murrelet, 3; Belted Kingfisher, 7; Red-shafted Flicker, 27; Pileated Woodpecker, 4; Downy Woodpecker, 1; Steller's Jay, 1; Common Raven, 2; Northwestern Crow, 310; Chestnut-backed Chickadee, 13; Red-breasted Nuthatch, 2; Winter Wren, 30; Bewick's Wren, 3; Robin, 196; Western Bluebird, 14; Golden-crowned Kinglet, 33; Ruby-crowned Kinglet, 10; Cedar Waxwing, 25; Northern Shrike, 1; Brewer's Blackbird, 330; Evening Grosbeak, 10; Purple Finch, 1; Pine Siskin, 25; **White-winged Crossbill, 7**; Rufous-sided Towhee, 9; Oregon Junco, 190; White-crowned

Sparrow, 2; Golden-crowned Sparrow, 4; Fox Sparrow, 1; Song Sparrow, 65. **Total,** 79 species; about 4752 individuals. (Seen in area count period, but not on count day: Shoveler, Lewis' Woodpecker, Western Meadowlark, Redwinged Blackbird.)—C. J. Colmery, Mrs. Charles F. Clise, Mrs. J. I. Colwell, H. F. Furrow, Mr. and Mrs. Frank Lang, Christopher K. Mathews, Frank P. Mathews (compiler), Mr. and Mrs. Stephen B. Mathews.

553. Seattle, Wash. (all points within a 15-mile diameter circle, center in Seattle at First Street and Yesler Way, including all Seattle, east of Lake Washington around Newport, Medina and Bellevue, west to waters of Puget Sound).—Dec. 27; 8 a.m. to 5 p.m. Cloudy half of day; temp. 36° to 50°; no wind. Twenty-eight observers in 12 parties. Total party-hours, 69; total party-miles, 116 (46 on foot, 70 by car). ► Common Loon, 3; Arctic Loon, 2; Red-necked Grebe, 13; Horned Grebe, 51; Eared Grebe, 11; Western Grebe, 809; Pied-billed Grebe, 16; Double-crested Cormorant, 19; Brandt's Cormorant, 13; Pelagic Cormorant, 7; Great Blue Heron, 34; Canada Goose, 227; Black Brant, 33; Mallard, 670; Gadwall, 24; Pintail, 53; Green-winged Teal, 90; Am. Widgeon, 1278; Shoveler, 256; Ring-necked Duck, 2; Canvasback, 29; Greater Scaup, 1879; Lesser Scaup, 26; Common Goldeneye, 163; Barrow's Goldeneye, 6; Bufflehead, 127; White-winged Scoter, 218; Surf Scoter, 176; Ruddy Duck, 757; Common Merganser, 62; Red-breasted Merganser, 68; **Goshawk, 2**; Sharp-shinned Hawk, 4; Cooper's Hawk, 1; Red-tailed Hawk, 3; California Quail, 98; Ring-necked Pheasant, 27; Am. Coot, 2394; Killdeer, 19; Black Turnstone, 3; Common Snipe, 10; Spotted Sandpiper, 1; Sanderling, 49; Glaucous-winged Gull, 8638; Western Gull, 53; Herring Gull, 52; California Gull, 2; Ring-billed Gull, 170; Mew Gull, 5945; Bonaparte's Gull, 90; Pigeon Guillemot, 1; Ancient Murrelet, 2; Marbled Murrelet, 1; Band-tailed Pigeon, 120; Short-eared Owl, 2; Belted Kingfisher, 5; Red-shafted Flicker, 50; Pileated Woodpecker, 1; Downy Woodpecker, 13; Steller's Jay, 18; Northwestern Crow, 165; Black-capped Chickadee, 145; Chestnut-backed Chickadee, 21; Common Bushtit, 112; Red-breasted Nuthatch, 9; Brown Creeper, 1; Winter Wren, 6; Bewick's Wren, 30; Long-billed Marsh Wren, 12; Robin, 2072; Varied Thrush, 3; Golden-crowned Kinglet, 41; Ruby-crowned Kinglet, 10; Cedar Waxwing, 653; Northern Shrike, 2; Starling, 681; Audubon's Warbler, 16; House Sparrow, 134; Western Meadowlark, 3; Redwinged Blackbird, 118; Brewer's Blackbird, 123; Evening Grosbeak, 30; Purple Finch, 17; House Finch, 182; Pine Siskin, 95; Am. Goldfinch, 108; Red Crossbill, 2; Rufous-sided Towhee, 46; Slate-colored Junco, 2; Oregon Junco, 297; White-crowned Sparrow, 15; Golden-crowned Sparrow, 19; Fox Sparrow, 2; Song Sparrow, 511. **Total,** 94 species; about 30,579 individuals.—Doris Beecher, Hal Beecher, Josephine Beecher, Ward Beecher, Bob Boggs, Elsie Boggs, Violet Cannon (compiler), David Clark, Kenneth Clark, Ruth Colwell, Dennis De Courzey, Herbert Gasner, Emily Haig, John Holyoke, Claire Jackson, Doris Jelliffe, Harold Kephart, Earl Larrison, Earl Larrison, Jr., Gloria Lobb, Gertrude Lovejoy, Ruth Partridge, Ebba Peterson, Webster Ransom, Bertha Schuler, Zella Schultz, Wally Swanson, Bobby Thompson.

554. Spokane, Wash. (all points within a 15-mile diameter circle, center at Division and Francis as in previous counts; lawns, parks and cemeteries 40%, rivers bordered with deciduous and coniferous woods 50%, irrigated tracts and open fields 10%).—Jan. 2; 7 a.m. to 4 p.m. Cloudy, snow flurries; temp. 16° to 12°; wind NE, 0-5 m.p.h.; 3-in. new snow. Twenty-six observers in 11 parties. Total party-hours, 88 (38 on foot, 50 by car); total party-miles, 430 (50 on foot, 380 by car). ► Pied-billed Grebe, 4; Great Blue Heron, 22; Canada Goose, 66; Mallard, 1384; Gadwall, 2; Pintail, 10; Green-winged Teal, 12; Am. Widgeon, 70; **Wood Duck, 2**; Redhead, 16; Ring-necked Duck, 278; Canvasback, 1; Lesser Scaup, 31; Common Goldeneye, 140; Barrow's Goldeneye, 5; Bufflehead, 10; Hooded Merganser, 5; Common Merganser, 10; Sharp-shinned Hawk, 3; Red-tailed Hawk, 7; Marsh Hawk, 1; Pigeon Hawk, 2; California Quail, **545**; Ring-necked Pheasant, 202; Gray Partridge, **122**; Am. Coot, 143; Common Snipe, 2; Ring-billed Gull, 8; **Mourning Dove, 18**; Great Horned Owl, 2; Pygmy Owl, 3; **Short-eared Owl, 2**; Belted Kingfisher, 5; Red-shafted Flicker, 66; Pileated Woodpecker, 1; Hairy Woodpecker, 10; Downy Woodpecker, 15; Black-billed Magpie, 135; Common Crow, 10; Clark's Nutcracker, 9; Black-capped Chickadee, 341; Mountain Chickadee, 66; White-breasted Nuthatch, 9; Red-breasted Nuthatch, 136; Pigmy Nuthatch, 304; Brown Creeper, 8; Dipper, 6; Winter Wren, 1; Cañon Wren, 1; Robin, 634; Varied Thrush, 6; Golden-crowned Kinglet, 70; Bohemian Waxwing, 2310; Northern Shrike, 11; Starling, 116; House Sparrow, 1050; Western Meadowlark, 1; Redwinged Blackbird, 100; Evening Grosbeak, 5; Cassin's Finch, 2; House Finch, **496**; Am. Goldfinch, 32; Red Crossbill, **383**; Slate-colored Junco, 4; Oregon Junco, **1580**; **White-crowned Sparrow, 3**; Song Sparrow, 194. **Total,** 67 species; about 11,198 individuals.—Jim Acton, Verna Adams, Jerry Bloom, Dave Brown, Mattie Burke, Amelia Burns, Tom Groh, Mr. and Mrs. M. C. Haggin, Warren Hall (compiler), LeRoy Hook, Irene Hunt, Lynn LaFave, Anne Merager, Mrs. Frank Mogan, Vee Nealey, Margaret Porter, A. C. Rettig, Tom Rogers, Lewis Sabo, Connie Smedley, Mr. and Mrs. S. O. Stanley, Ted Turner, Christine Unbewust, Alma Walker.

555. Baker, Oreg. (all points within a 15-mile diameter circle, center 5 miles north of Baker; 3300-4000 ft.; lawns, parks, cemeteries 10%, evergreen foothills 15%, cultivated fields and pastures 35%, woods and shrubs along river 20%, sagebrush 20%).—Jan. 3; 7:30 a.m. to 4:30 p.m. Mostly fair, morning clouds; temp. 10° to 25°; wind NNW, 15-29 m.p.h.; 0-6-in. snow, little open water. Eight observers in 5 parties. Total party-hours, 26 (7 on foot, 18 by car, 1 at home feeder); total party-miles, 218 (12 on foot, 206 by car). ► Canada Goose, 224; Mallard, 75; Pintail, 23; Sharp-shinned Hawk, 1; Red-tailed Hawk, 6; **Rough-legged Hawk, 3**; Golden Eagle, 1; Bald Eagle, 1; Marsh Hawk, 11; Sparrow Hawk, 2; Ring-

necked Pheasant, 128; Gray Partridge, 5; Killdeer, 3; Common Snipe, 1; Great Horned Owl, 1; Short-eared Owl, 1; Belted Kingfisher, 5; Red-shafted Flicker, 10; Hairy Woodpecker, 5; Horned Lark, 60; Steller's Jay, 6; Black-billed Magpie, 254; Common Raven, 6; Black-capped Chickadee, 12; Mountain Chickadee, 11; Red-breasted Nuthatch, 3; Brown Creeper, 1; Winter Wren, 2; Robin, 2; Bohemian Waxwing, 120; Northern Shrike, 4; Starling, 701; House Sparrow, 1075; **Western Meadowlark, 35**; **Redwinged Blackbird, 3**; Brewer's Blackbird, 48; House Finch, 130; Am. Goldfinch, 23; Slate-colored Junco, 1; Oregon Junco, 88; **Tree Sparrow, 3**; Song Sparrow, 19; Snow Bunting, 3. **Total,** 43 species; about 3116 individuals. (Seen in area count period, but not on count day: Cooper's Hawk, Pigeon Hawk, Pygmy Owl, Downy Woodpecker, Townsend's Solitaire, Golden-crowned Kinglet, **White-crowned Sparrow**.)—Margaret Anderson, Philo Anderson, Gertrude Inman, Marion Inman, Peggy Satterberg, Ava Steiger, Ann Ward (compiler), Gaylord Ward.

556. Eugene, Oreg. (all points within a 15-mile diameter circle, center near Danebo Church, including Fern Ridge Reservoir, Springfield, Eugene as in former years; meadows 20%, orchards and fields 20%, suburban 10%, evergreen forests 20%, mixed woods 20%, open water 10%).—Dec. 27; 7:30 a.m. to 4:30 p.m. Overcast; temp. 31° to 42°; wind N, 3 m.p.h.; water open, ground wet and muddy. Thirty-one observers in 12 parties. Total party-hours, 62 (40 on foot, 22 by car); total party-miles, 218 (44 on foot, 174 by car). ► Eared Grebe, 4; Pied-billed Grebe, 7; Great Blue Heron, 32; **Green Heron, 2**; **Whistling Swan, 10**; Canada Goose, 1515; Mallard, 120; Gadwall, 26; Pintail, 390; Am. Widgeon, 92; Shoveler, 4; Redhead, 4; Ring-necked Duck, 29; Ruddy Duck, 3; Sharp-shinned Hawk, 3; Cooper's Hawk, 1; Red-tailed Hawk, 21; Marsh Hawk, 24; Pigeon Hawk, 1; Sparrow Hawk, 49; Ring-necked Pheasant, 41; Am. Coot, 65; Killdeer, 685; Common Snipe, 9; **Pectoral Sandpiper, 2** (closely checked); Least Sandpiper, 411; Dunlin, 324; Glaucous-winged Gull, 2; California Gull, 3; Ring-billed Gull, 125; Mourning Dove, 6; Short-eared Owl, **23**; Belted Kingfisher, 3; Red-shafted Flicker, 165; Acorn Woodpecker, 52; Yellow-bellied Sapsucker, 2; Hairy Woodpecker 4; Downy Woodpecker, 3; Steller's Jay, 25; Shrub Jay, 154; Common Raven, 1; Common Crow, 282; Black-capped Chickadee, 132; Chestnut-backed Chickadee, 17; Common Bushtit, 18; White-breasted Nuthatch, 16; Red-breasted Nuthatch, 12; Brown Creeper, 2; Winter Wren, 21; Bewick's Wren, 8; Long-billed Marsh Wren, **27**; Robin, 2373; Varied Thrush, 1; Hermit Thrush, 7; Western Bluebird, 44; **Townsend's Solitaire, 1**; Golden-crowned Kinglet, 335; Ruby-crowned Kinglet, 66; Water Pipit, 144; Cedar Waxwing, 61; Loggerhead Shrike, 3; Starling, 1994; Myrtle Warbler, 3; Audubon's Warbler, 46; Townsend's Warbler, 4; House Sparrow, 757; Western Meadowlark, 106; Redwinged Blackbird, 315; Brewer's Blackbird, 1766; Evening Grosbeak, 9; Purple Finch, 10; House Finch, 112; Am. Goldfinch, 42; Lesser Goldfinch, 29; Red Crossbill, 11; Rufous-sided Towhee, 56; Savannah Sparrow, 5; Vesper Sparrow, 1; Slate-colored Junco, 1; Oregon Junco, 1466; White-crowned Sparrow, 32; Golden-crowned Sparrow, 179; Fox Sparrow, 11; Lincoln's Sparrow, 1; Song Sparrow, 188. **Total,** 85 species; about 15,156 individuals. (Seen in area count period, but not on count day: Mountain Quail, Horned Owl, Pygmy Owl.)—Freda Hull Baker, John Bodley, L. L. Dagget, Catherine Dunlop, Richard Flynn, Ronald Flynn, Helen Kilpatrick, Eric Lindgren, Margaret Markley, Hal Pruitt, Ben H. Pruitt (compiler), Gene Renard, Lon Reynard, Ray Sims.

557. Fort Klamath, Oreg. (all points within a 15-mile diameter circle, center at Wood River Bridge; open fields 70%, marshland 5%, pine and fir forests 10%, lake and river 13%, residential 2%).—Dec. 27; 6 a.m. to 4:30 p.m. Cloudy; temp. 10° to 39°; no wind. Three observers in 1 party. Total party-hours, 10½ (2½ on foot, 8 by car); total party-miles, 285 (4 on foot, 281 by car). ► Great Blue Heron, 4; Whistling Swan, **39**; Canada Goose, 9; Mallard, 32; Green-winged Teal, 7; Am. Widgeon, 4; Ring-necked Duck, 9; Common Goldeneye, 6; Bufflehead, 35; Common Merganser, 1; Red-tailed Hawk, 15; Rough-legged Hawk, **24**; Bald Eagle, 3; Sparrow Hawk, 2; Am. Coot, 1; Common Snipe, 5; Great Horned Owl, 2; Pygmy Owl, 1; Great Gray Owl, 7 [no details—Ed.]; Belted Kingfisher, 1; Red-shafted Flicker, 1; Pileated Woodpecker, 1; Hairy Woodpecker, 2; Steller's Jay, 1; Black-billed Magpie, 41; Black-capped Chickadee, 30; Mountain Chickadee, 188; Brown Creeper, 3; Dipper, 2; Winter Wren, 1; Robin, 5; Golden-crowned Kinglet, 125; House Sparrow, 20; Oregon Junco, 87; White-crowned Sparrow, 100; Song Sparrow, 4. **Total,** 36 species; about 818 individuals. (Seen in area count period, but not on count day: Starling.)—Lyle Brewer, Mrs. May Gray, Mrs. Anna Strahan (compiler).

558. Malheur National Wildlife Refuge, Oreg. (all points within a 15-mile diameter circle, center on Blitzen River ½ mile north of Five Mile Rd. to include southern portion of refuge; dry hay meadows 50%, willow 20%, juniper and sagebrush uplands 5%, ponds and lakes 20%, canals and streams 5%).—Jan. 2; 9 a.m. to 5 p.m. Clear; temp. 2° to 20°; wind 0-5 m.p.h.; streams and springs open. Four observers in 2 parties. Total party-hours, 15 (6 on foot, 9 by car); total party-miles, 70 (5 on foot, 65 by car). ► Great Blue Heron, 5; Black-crowned Night Heron, 1; Whistling Swan, 12; Canada Goose, 107; Mallard, 505; Pintail, 20; Green-winged Teal, 4; Am. Widgeon, 4; Lesser Scaup, 2; Bufflehead, 2; Ruddy Duck, 4; Hooded Merganser, 10; Red-tailed Hawk, 1; Rough-legged Hawk, 6; Golden Eagle, 1; Bald Eagle, 1; Marsh Hawk, 17; Sparrow Hawk, 2; California Quail, 170; Ring-necked Pheasant, 110; Common Snipe, 2; Belted Kingfisher, 2; Red-shafted Flicker, 6; Downy Woodpecker, 1; Black-billed Magpie, 29; Common Raven, 5; Black-capped Chickadee, 6; Common Bushtit, 15; Dipper, 1; Townsend's Solitaire, 1; Northern Shrike, 6; Starling, 1; House Sparrow, 25; Brewer's Blackbird, 25; House Finch, 20; Oregon Junco, 139; White-crowned Sparrow, 2; Song Sparrow, 26. **Total,** 38 species; about 1296 individuals.—Azalea Graves, Russell Pengelly (compiler), Elaine Robe.

559. **Medford, Oreg.** (all points within a 15-mile diameter circle, center 2 miles south of Camp White; brushy hillsides 15%, mixed woodland 20%, residential 15%, farmland 30%, ponds and streams 20%). —Dec. 29; 7:15 a.m. to 4:30 p.m. Fog all day, but 2 sunny areas above fog; temp. 25° to 31°; no wind; higher temperatures above fog. Fourteen observers in 5 parties. Total party-hours, 37 (7 on foot, 30 by car); total party-miles, 235 (20 on foot, 215 by car). ► Pied-billed Grebe, 2; Great Blue Heron, 2; Black-crowned Night Heron, 3; Mallard, 28; Pintail, 8; Am. Widgeon, 13; Shoveler, 4; Redhead, 1; Ring-necked Duck, 12; Canvasback, 17; Lesser Scaup, 4; Ruddy Duck, 32; Common Merganser, 6; **Goshawk,** 1 (all field marks—T.M.); Cooper's Hawk, 2; Red-tailed Hawk, 10; Marsh Hawk, 3; Sparrow Hawk, 37; California Quail, 231; Mountain Quail, 18; Ring-necked Pheasant, 39; Am. Coot, 158; Killdeer, 54; Common Snipe, 6; Spotted Sandpiper, 2; Mourning Dove, 112; Barn Owl, 1; Pygmy Owl, 1; Burrowing Owl, 5; Belted Kingfisher, 4; Red-shafted Flicker, 64; Pileated Woodpecker, 3; Acorn Woodpecker, 19; Lewis' Woodpecker, 1; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 1; Downy Woodpecker, 9; Horned Lark, 3; Steller's Jay, 18; Scrub Jay, 31; Common Crow, 3; Black-capped Chickadee, 25; Mountain Chickadee, 4; Plain Titmouse, 11; Common Bushtit, 60; White-breasted Nuthatch, 5; Red-breasted Nuthatch, 1; Brown Creeper, 4; Wrentit, 2; Dipper, 1; Bewick's Wren, 10; Long-billed Marsh Wren, 1; Robin, 80; Hermit Thrush, 4; Western Bluebird, 186; **Mountain Bluebird,** 1; Townsend's Solitaire, 3; Golden-crowned Kinglet, 22; Ruby-crowned Kinglet, 9; Water Pipit, 4; Cedar Waxwing, 210; Starling, 153; Audubon's Warbler, 1; House Sparrow, 142; Western Meadowlark, 125; Redwinged Blackbird, 1; Brewer's Blackbird, 191; Brown-headed Cowbird, 2; House Finch, 3; Am. Goldfinch, 138; Lesser Goldfinch, 252; Rufous-sided Towhee, 63; Brown Towhee, 11; Savannah Sparrow, 103; Lark Sparrow, 17; Oregon Junco, 691; White-crowned Sparrow, 121; Golden-crowned Sparrow, 463; Fox Sparrow, 3; Song Sparrow, 29. **Total,** 80 species; about 4123 individuals. (Seen in area count period, but not on count day: Winter Wren, Myrtle Warbler.)—Ralph Browning, Mrs. Howard Bush, Maj. Gen. and Mrs. J. H. Hicks, Betty Jo Hicks, Mrs. Robert Hubbard, Dr. and Mrs. John Reynolds, Mr. and Mrs. John McCamant, Thomas McCamant (compiler), Roy Spangler, Top Turpin, Mrs. V. A. Turpin.

560. **Portland, Oreg.** (all points within a 15-mile diameter circle, center on Williamette Base Line 1½ miles east of Williamette Meridian as in 1938 and subsequent years; brushy woodland 25%, lakes, rivers, sloughs 20%, farmlands 25%, residential 30%).—Dec. 27; 8 a.m. to 4:30 p.m. Cloudy with trace of rain; temp. 31° to 44°; wind ESE, 10 m.p.h.; water open, ground clear. Seventy-one observers in 18 parties. Total party-hours, 137 (81 on foot, 56 by car); total party-miles, 589 (110 on foot, 479 by car). ► Arctic Loon, 1; Red-necked Grebe, 1; Eared Grebe, 1; Western Grebe, 1; Pied-billed Grebe, 22; Double-crested Cormorant, 30; Great Blue Heron, 15; Green Heron, 1; Black-crowned Night Heron, 1; Whistling Swan, 5; Canada Goose, 56; **Snow Goose,** 4; Mallard, 1133; Gadwall, 40; Pintail, 643; Green-winged Teal, 434; **European Widgeon,** 1; Am. Widgeon, 2639; Shoveler, 45; Wood Duck, 2; Ring-necked Duck, 20; Canvasback, 22; Lesser Scaup, 5; Common Goldeneye, 2; Bufflehead, 30; Ruddy Duck, 54; Common Merganser, 40; Sharp-shinned Hawk, 12; Cooper's Hawk, 1; Red-tailed Hawk, 20; Sparrow Hawk, 48; Blue Grouse, 1; California Quail, 13; Mountain Quail, 9; Ring-necked Pheasant, 206; Am. Coot, 1269; Killdeer, 49; Common Snipe, 11; Spotted Sandpiper, 3; **Pectoral Sandpiper,** 2 (all field marks, excellent light —3 observers); Western Sandpiper, 5; Glaucous-winged Gull, 3154; Herring Gull, 804; California Gull, 301; Ring-billed Gull, 38; Mew Gull, 297; Mourning Dove, 49; Screech Owl, 1; Great Horned Owl, 1; Long-eared Owl, 1; Short-eared Owl, 3; Belted Kingfisher, 9; Red-shafted Flicker, 197; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 12; Downy Woodpecker, 64; Steller's Jay, 101; Scrub Jay, 29; Common Crow, 670; Black-capped Chickadee, 476; Chestnut-backed Chickadee, 86; Common Bushtit, 229; White-breasted Nuthatch, 20; Red-breasted Nuthatch, 19; Brown Creeper, 9; House Wren, 6; Winter Wren, 22; Bewick's Wren, 33; Robin, 38,076; Varied Thrush, 9; Hermit Thrush, 3; Swainson's Thrush, 4 [no details—Ed.]; Golden-crowned Kinglet, 180; Ruby-crowned Kinglet, 68; Cedar Waxwing, 19; Northern Shrike, 2; Starling, 37,995; Orange-crowned Warbler, 1; Myrtle Warbler, 2; Audubon's Warbler, 108; Townsend's Warbler, 1; House Sparrow, 1163; Western Meadowlark, 38; Redwinged Blackbird, 18; Brewer's Blackbird, 1017; Brown-headed Cowbird, 2; Evening Grosbeak, 47; Purple Finch, 359; House Finch, 777; Pine Siskin, 46; Am. Goldfinch, 326; Lesser Goldfinch, 35; Red Crossbill, 11; Rufous-sided Towhee, 119; Savannah Sparrow, 10; Slate-colored Junco, 1; Oregon Junco, 2165; **Chipping Sparrow,** 1 (carefully identified); White-crowned Sparrow, 96; Golden-crowned Sparrow, 136; Fox Sparrow, 21; Song Sparrow, 826. **Total,** 102 species; about 97,212 individuals.—George Alderson, Calvin Cooper, J. D. Frantz, R. W. Harris, Carl Jacobsen, Robert James, Herbert Judd, G. A. Kibler, Roger Kirk, Urban Kubat, Norbert Leupold (compiler), Tom McAllister, Mrs. Theodore Millette, Louis Oberson, James Olson, Mrs. Robert Platt, Leo Simon, Alfred Weatherwax.

561. **Roseburg, Oreg.** (all points within a 15-mile diameter circle, center Melrose Store, east to Lookingglass Road, west to Elgarose District, south to Lookingglass Valley, north thru Upper Garden Valley and Cleveland Hill District).—Dec. 27; 9 a.m. to 5 p.m.; temp. 24° to 40°. Two observers in 1 party. Total party-hours, 8 (2 on foot, 6 by car); total party-miles, 101 (5 on foot, 96 by car). ► Great Blue Heron, 7; Mallard, 5; Wood Duck, 2; Ring-necked Duck, 4; Cooper's Hawk, 1; Red-tailed Hawk, 1; Rough-legged Hawk, 1; Sparrow Hawk, 7; Ring-necked Pheasant, 5; Am. Coot, 1; Killdeer, 7; Common Snipe, 20; **Band-tailed Pigeon,** 120; Belted Kingfisher, 1; Red-shafted Flicker, 16; Acorn Woodpecker, 4; Lewis' Woodpecker, 2; Hairy Woodpecker, 1; Steller's Jay, 2; Scrub Jay, 16; Common Crow, 83; Black-capped Chickadee, 10; Chestnut-backed Chickadee, 2; Common Bushtit, 40; Bewick's Wren, 1;

Robin, 911; Western Bluebird, 9; Ruby-crowned Kinglet, 1; **Starling, 6000** (none before 1954); Audubon's Warbler, 10; House Sparrow, 33; Western Meadowlark, 11; Brewer's Blackbird, 374; Brown-headed Cowbird, 5; Purple Finch, 16; House Finch, 8; Am. Goldfinch, 2; Rufous-sided Towhee, 12; Vesper Sparrow, 1; Oregon Junco, 182; White-crowned Sparrow, 5; Golden-crowned Sparrow, 176; Song Sparrow, 8. **Total,** 43 species about 8123 individuals.—Bessie Pine (compiler), J. Lorne Pine.

562. Angwin, Calif. (all points within a 15-mile diameter circle, center Angwin as in previous years).—Dec. 30; 7 a.m. to 4 p.m. Fog to 9:30 a.m., then clear; temp. 32° to 60°; wind N, 10 m.p.h.; no snow or ice. Seven observers in 3 parties. Total party-hours, 25 (16 on foot, 9 by car); total party-miles, 88 (82 on foot, 6 by car). ► Common Loon, 1; Eared Grebe, 1; Western Grebe, 14; Pied-billed Grebe, 9; White Pelican, 1; Double-crested Cormorant, 19; Great Blue Heron, 3; Green Heron, 1; Whistling Swan, 22; Canada Goose, 152; Snow Goose, 5; Mallard, 30; Gadwall, 8; Pintail, 19; Green-winged Teal, 31; Am. Widgeon, 1; Shoveler, 8; Wood Duck, 2; Redhead, 1; Ring-necked Duck, 23; Canvasback, 8; Lesser Scaup, 17; Common Goldeneye, 1; Bufflehead, 9; Ruddy Duck, 156; Common Merganser, 13; Turkey Vulture, 7; Cooper's Hawk, 2; Red-tailed Hawk, 9; Red-shouldered Hawk, 1; Sparrow Hawk, 8; California Quail, 43; Am. Coot, 325; Killdeer, 39; Common Snipe, 8; Short-billed Dowitcher, 3; Ring-billed Gull, 3; Anna's Hummingbird, 1; Belted Kingfisher, 10; Red-shafted Flicker, 46; Acorn Woodpecker, 57; Lewis' Woodpecker, 1; Yellow-bellied Sapsucker, 6; Downy Woodpecker, 6; Nuttall's Woodpecker, 8; **Western Kingbird, 3;** Black Phoebe, 21; Say's Phoebe, 2; Steller's Jay, 7; Scrub Jay, 32; Common Raven, 2; Common Crow, 14; Chestnut-backed Chickadee, 5; Plain Titmouse, 31; Common Bushtit, 91; White-breasted Nuthatch, 12; Pigmy Nuthatch, 3; Brown Creeper, 2; Wrentit, 12; Bewick's Wren, 4; Robin, 613; Varied Thrush, 4; Hermit Thrush, 12; Western Bluebird, 78; Golden-crowned Kinglet, 6; Ruby-crowned Kinglet, 32; Water Pipit, 225; Cedar Waxwing, 95; Loggerhead Shrike, 5; Starling, 45; Audubon's Warbler, 55; House Sparrow, 8; Western Meadowlark, 61; Redwinged Blackbird, 85; Brewer's Blackbird, 275; Purple Finch, 6; House Finch, 10; Pine Siskin, 15; Am. Goldfinch, 10; Lesser Goldfinch, 160; Rufous-sided Towhee, 20; Brown Towhee, 43; Savannah Sparrow, 2; Rufous-crowned Sparrow, 1; Oregon Junco, 484; White-crowned Sparrow, 46; Golden-crowned Sparrow, 260; White-throated Sparrow, 1; Fox Sparrow, 20; Lincoln's Sparrow, 10; Song Sparrow, 45. **Total,** 91 species; about 4111 individuals. (Seen in area count period, but not on count day: Sora.)—Ervil Clark, O. C. Durham (compiler), Lloyd Eighme, Parshall Howe, Vernon Howe, Robert Howson, Clifford Toess.

563. Big Bear Lake, Calif. (all points within a 15-mile diameter circle, center near Bertha Peak in San Bernardino Mountains as in previous 16 years; 3500-8200 ft.).—Jan. 3; 8 a.m. to 5:30 p.m. Partly cloudy; temp. 25° to 35°; wind 0-5 m.p.h.; thin snow, slopes covered, lake frozen over. Four observers in 2 parties. Total party-hours, 16 (10 on foot, 6 by car); total party-miles, 80 (5 on foot, 75 by car). ► Great Blue Heron, 8; Ring-necked Duck, 12; Golden Eagle, 5; Bald Eagle, 1; Sparrow Hawk, 3; Am. Coot, 225; Killdeer, 3; Common Snipe, 5; Ring-billed Gull, 21; Williamson's Sapsucker, 1; Hairy Woodpecker, 1; Steller's Jay, 24; Clark's Nutcracker, 8; Mountain Chickadee, 6; White-breasted Nuthatch, 2; Pigmy Nuthatch, 20; Brown Creeper, 1; Robin, 75; Western Bluebird, 10; Mountain Bluebird, 250; Townsend's Solitaire, 7; Cedar Waxwing, 19; Loggerhead Shrike, 1; **Starling, 6** (L.B.); House Sparrow, 12; Redwinged Blackbird, 500; Brewer's Blackbird, 200; Am. Goldfinch, 12; Oregon Junco, 34; White-crowned Sparrow, 8. **Total,** 30 species; about 1480 individuals.—Leo Best, Russel Best, Erna M. Comby, J. H. Comby (compiler).

564. Carpinteria, Calif. (all points within a 15-mile diameter circle, center park 4, Ventura County; Carpinteria to north, Ventura to south, Pacific Ocean to west, foothills to east; does not include town of Ventura).—Jan. 1; 7:30 a.m. to 4:50 p.m. Sunny; temp. 38° to 55°; wind E, 10-12 m.p.h. One observer. Total hours, 9; total miles, 7. ► Western Grebe, 2; Pelagic Cormorant, 5; Great Blue Heron, 5; Green Heron, 3; Common Egret, 3; Black-crowned Night Heron, 1; Pintail, 20; Green-winged Teal, 2; Cinnamon Teal, 3; White-tailed Kite, 2; Sparrow Hawk, 2; Clapper Rail, 1; Sora, 2; Common Gallinule, 1; Am. Coot, 20; Semipalmated Plover, 1; Snowy Plover, 20; Killdeer, 20; Black-bellied Plover, 15; Common Snipe, 5; Whimbrel, 1; Willet, 8; Greater Yellowlegs, 2; Least Sandpiper, 15; Short-billed Dowitcher, 5; Marbled Godwit, 4; Sanderling, 15; Am. Avocet, 2; California Gull, 3; Ring-billed Gull, 20; Heermann's Gull, 10; Forster's Tern, 1; Mourning Dove, 4; Anna's Hummingbird, 4; Red-shafted Flicker, 1; Acorn Woodpecker, 5; Black Phoebe, 3; Say's Phoebe, 2; Common Bushtit, 50; Mockingbird, 5; Robin, 1; Hermit Thrush, 1; Ruby-crowned Kinglet, 10; Cedar Waxwing, 15; Loggerhead Shrike, 5; Orange-crowned Warbler, 1; Audubon's Warbler, 20; Townsend's Warbler, 3; Yellowthroat, 7; **Wilson's Warbler, 1**; House Sparrow, 10; Western Meadowlark, 30; Redwinged Blackbird, 5; Brewer's Blackbird, 20; House Finch, 10; Am. Goldfinch, 15; Brown Towhee, 1; Savannah Sparrow, 5; White-crowned Sparrow, 20; Song Sparrow, 15. **Total,** 60 species; about 488 individuals.—Harriet A. Howe.

565. Chico, Calif. (all points within a 15-mile diameter circle, center 1 mile south of Chico State College, extending north to Lindo Channel, west to Sacramento River, southwest to Ord Ferry, southeast to Durham, northeast into Iron Canyon).—Dec. 23; 7:30 a.m. to 4 p.m. Constant light to medium rain; temp. 45° to 57°; wind 0-15 m.p.h. Ten observers in 3 parties. Total party-hours, 25 (10 on foot, 15 by car); total party-miles, 87 (10 on foot, 77 by car). ► Great Blue Heron, 4; Green Heron, 1; goose (sp.), 10; Wood Duck, 4; Sharp-shinned Hawk, 1; Red-tailed Hawk, 7; Sparrow Hawk, 31; California Quail, 100; Ring-necked Pheasant, 24; Am. Coot, 1; Killdeer, 106; Common Snipe, 1; Western Sandpiper, 2; Band-tailed Pigeon, 19; Mourning Dove, 148; Anna's

Hummingbird, 1; Belted Kingfisher, 3; Red-shafted Flicker, 211; Acorn Woodpecker, 89; Lewis' Woodpecker, 84; Yellow-bellied Sapsucker, 1; Downy Woodpecker, 1; Nuttall's Woodpecker, 2; Black Phoebe, 13; Steller's Jay, 30; Scrub Jay, 208; Yellow-billed Magpie, 75; Common Crow, 56; Plain Titmouse, 74; Common Bushtit, 302; White-breasted Nuthatch, 14; Brown Creeper, 1; Dipper, 3; Bewick's Wren, 3; Rock Wren, 1; Mockingbird, 8; Robin, 274; Varied Thrush, 1; Hermit Thrush, 14; Western Bluebird, 19; Golden-crowned Kinglet, 25; Ruby-crowned Kinglet, 82; Water Pipit, 196; Cedar Waxwing, 15; Loggerhead Shrike, 5; Starling, 685; Audubon's Warbler, 101; House Sparrow, 155; Western Meadowlark, 564; Redwinged Blackbird, 200; Brewer's Blackbird, 7341; Bronzed Cowbird, 15; **Evening Grosbeak, 4**; House Finch, 69; Am. Goldfinch, 342; Lesser Goldfinch, 210; Rufous-sided Towhee, 296; Brown Towhee, 46; Savannah Sparrow, 141; Lark Sparrow, 38; Oregon Junco, 569; White-crowned Sparrow, 1509; Golden-crowned Sparrow, 255; Fox Sparrow, 1; Lincoln's Sparrow, 2; Song Sparrow, 6. **Total,** 66 species; about 14,819 individuals.—Dorothy Armstrong, James Ferrell, Robins King, Bruce Lang, Myrna Lewis, Chip Miller, Vernon Oswald, Thomas Rodgers (compiler), Gerald Schroeder, D. A. Sutton.

566. China Lake, Calif. (all points within a 15-mile diameter circle, center 3 miles west of intersection of China Lake Blvd. and Inyokern Rd.; residential 25%, sewage plant ponds 20%, creosote desert 25%, irrigated fields 10%, marsh 20%).—Jan. 3; 7 a.m. to 5 p.m. Clear; temp. 22° to 46°; wind variable, 0-8 m.p.h.; water half frozen over. Six observers in 2 parties. Total party-hours, 13 (9 on foot, 4 by car); total party-miles, 78 (8 on foot, 70 by car). ► Whistling Swan, 6; Canada Goose, 7; Mallard, 3; Gadwall, 2; Pintail, 25; Green-winged Teal, 85; Shoveler, 150; Ruddy Duck, 12; Cooper's Hawk, 2; Red-tailed Hawk, 2; Marsh Hawk, 12; Prairie Falcon, 1; Sparrow Hawk, 5; Am. Coot, 30; Killdeer, 6; Common Snipe, 1; Roadrunner, 5; Red-shafted Flicker, 18; Black Phoebe, 1; Say's Phoebe, 10; Horned Lark, 130; Common Raven, 110; Long-billed Marsh Wren, 7; Rock Wren, 1; Mockingbird, 1; Robin, 14; Mountain Bluebird, 8; Ruby-crowned Kinglet, 5; Water Pipit, 4; Loggerhead Shrike, 1; Starling, 350; Audubon's Warbler, 16; House Sparrow, 120; Western Meadowlark, 12; Redwinged Blackbird, 60; Brewer's Blackbird, 100; House Finch, 125; Lesser Goldfinch, 1; Sage Sparrow, 28; Oregon Junco, 17; White-crowned Sparrow, 20; Song Sparrow, 5. **Total,** 42 species; about 1518 individuals.—Lloyd Brubaker, Carl Heller, Katy Henry, Ronald Henry, Donald W. Moore (compiler), Wanda Shomate (China Lake Natural Science Club).

567. Contra Costa County, Calif. (all points within a 15-mile diameter circle, center at intersection of Treat Lane and Clayton Valley Road; includes Mt. Diablo, Walnut Creek, Concord, Pacheco, Pittsburg, Clayton, Port Chicago, Avon; bayshore 30%, mountain 20%, suburbs 15%, deciduous farm woodlots 20%, plowland 10%, pasture 5%).—Jan. 3; 7 a.m. to 5:30 p.m. Clear; temp. 23° to 50°; wind NW, 0-15 m.p.h.; snow on foothills. Twelve observers in 4 parties. Total party-hours, 38 (15 on foot, 23 by car); total party-miles, 285 (15 on foot, 270 by car). ► Eared Grebe, 8; Western Grebe, 2; Pied-billed Grebe, 25; Double-crested Cormorant, 1; Great Blue Heron, 3; Green Heron, 2; Common Egret, 6; Snowy Egret, 16; Black-crowned Night Heron, 2; Canada Goose, 39; White-fronted Goose, 14; Mallard, 56; Gadwall, 9; Pintail, 523; Green-winged Teal, 13; Am. Widgeon, 225; Shoveler, 184; Ring-necked Duck, 10; Canvasback, 7; Lesser Scaup, 3; Common Goldeneye, 1; Ruddy Duck, 141; Hooded Merganser, 6; Common Merganser, **68**; Turkey Vulture, 1; White-tailed Kite, 6; Sharp-shinned Hawk, 1; Cooper's Hawk, 2; Red-tailed Hawk, 23; Golden Eagle, 1; Marsh Hawk, 15; Sparrow Hawk, 43; California Quail, 148; Ring-necked Pheasant, 6; Am. Coot, 428; Killdeer, 77; Common Snipe, 52; Greater Yellowlegs, 7; Least Sandpiper, 13; Dunlin, 20; Long-billed Dowitcher, 1; Am. Avocet, 14; Glaucous-winged Gull, 3; Ring-billed Gull, 513; Mourning Dove, 37; Barn Owl, 3; Great Horned Owl, 2; Burrowing Owl, 3; Short-eared Owl, 2; **White-throated Swift, 10** (J.C., L.F.); Anna's Hummingbird, 6; Belted Kingfisher, 1; Red-shafted Flicker, 62; Acorn Woodpecker, 39; Lewis' Woodpecker, 4; Yellow-bellied Sapsucker, 4; Hairy Woodpecker, 1; Downy Woodpecker, 6; Nuttall's Woodpecker, 16; Black Phoebe, 5; Say's Phoebe, 6; Horned Lark, 33; Tree Swallow, 13; Steller's Jay, 13; Scrub Jay, 99; Common Crow, 26; Plain Titmouse, 52; Common Bushtit, 42; White-breasted Nuthatch, 11; Wrentit, 10; Bewick's Wren, 6; Long-billed Marsh Wren, 16; Mockingbird, 43; California Thrasher, 2; Robin, 149; Varied Thrush, 12; Hermit Thrush, 19; Western Bluebird, 13; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 14; Water Pipit, 130; Cedar Waxwing, 20; Loggerhead Shrike, 40; Starling, 13; Audubon's Warbler, 108; Yellowthroat, 3; House Sparrow, 174; Western Meadowlark, 331; Redwinged Blackbird, 662; Brewer's Blackbird, 1763; Brown-headed Cowbird, 3; Purple Finch, 16; House Finch, 161; Pine Siskin, 9; Am. Goldfinch, 67; Lesser Goldfinch, 529; Rufous-sided Towhee, 22; Brown Towhee, 62; Savannah Sparrow, 122; Lark Sparrow, 6; **Slate-colored Junco, 1** (carefully identified); Oregon Junco, 441; White-crowned Sparrow, 566; Golden-crowned Sparrow, 415; **White-throated Sparrow, 1**; Fox Sparrow, 13; Song Sparrow, 27. **Total,** 107 species; about 9225 individuals. (Seen in area count period, but not on count day: Am. Bittern, Common Gallinule, Saw-whet Owl, Hutton's Vireo, Sage Sparrow, Lincoln's Sparrow.)—Betty Adamson, Harry Adamson, Richard Beitzel, Violet Beitzel, John Chostner, Dorothy Couden, Harry Couden, Lynn Farrar (compiler), Isabella McGeehon, Paul Opler, Rosalyn Phillips, Eleanor Pugh, Beverly Wilder.

568. Crystal Springs, Calif. (all points within a 15-mile diameter circle, center at causeway over Crystal Springs Lakes, including South San Francisco Bay in vicinity of Belmont Slough and San Mateo Bridge, northern Santa Cruz Mts., Pacific Ocean at Half Moon Bay; open salt water 15%, tidal salt marsh 10%, mud flats 5%, lawns and shrubbery 10%, fresh-water lakes 10%, chaparral-covered hills 15%, farm and grazing land 15%, forested canyons and ridges 10%, ocean beach 10%).—Jan. 2; 6:30 a.m. to 7 p.m. Fair; temp.

28° to 54°; no wind. Seventeen observers in 5 parties. Total party-hours, 28 (7 on foot, 17 by car, 4 by boat); total party-miles, 86 (10 on foot, 70 by car, 6 by boat). ► Common Loon, 3; Arctic Loon, 1; Red-throated Loon, 13; Red-necked Grebe, 3; Horned Grebe, 4; Eared Grebe, 36; Western Grebe, 288; Pied-billed Grebe, 7; Brown Pelican, 2; Double-crested Cormorant, 58; Brandt's Cormorant, 12; Pelagic Cormorant, 50; Great Blue Heron, 30; **Green Heron, 1**; Common Egret, 28; Snowy Egret, 68; Black-crowned Night Heron, 3; Whistling Swan, 5; Canada Goose, 250 (Cackling, 50); Black Brant, 10; **White-fronted Goose, 2**; **Snow Goose, 1**; Mallard, 19; Gadwall, 55; Pintail, 138; Green-winged Teal, 3; **Blue-winged Teal, 1**; Cinnamon Teal, 2; **European Widgeon, 4** (carefully identified—Mr. and Mrs. A.E.M.); Am. Widgeon, 60; Shoveler, 280; Wood Duck, 1; Redhead, 5; Ring-necked Duck, 16; Canvasback, 5; Greater Scaup, 856; Lesser Scaup, 276; Common Goldeneye, 4; Bufflehead, 33; Oldsquaw, 1; White-winged Scoter, 117; Surf Scoter, 108; Common Scoter, 3; Ruddy Duck, 650; Common Merganser, 1; Red-breasted Merganser, 18; Turkey Vulture, 7; White-tailed Kite, 2; Sharp-shinned Hawk, 2; Cooper's Hawk, 2; Red-tailed Hawk, 7; Red-shouldered Hawk, 1; Golden Eagle, 3; Marsh Hawk, 8; Peregrine Falcon, 2; Sparrow Hawk, 25; California Quail, 53; Ring-necked Pheasant, 2; Clapper Rail, 3; Sora, 1; **Common Gallinule, 1**; Am. Coot, 426; Black Oystercatcher, 1; Semipalmated Plover, 5; Killdeer, 42; Black-bellied Plover, 24; **Surfbird, 60**; Black Turnstone, 12; Common Snipe, 5; Long-billed Curlew, 13; Whimbrel, 18; Spotted Sandpiper, 5; **Wandering Tattler, 1**; Willet, 441; Greater Yellowlegs, 3; Knot, 30; Least Sandpiper, 1609; Dunlin, 424; Long-billed Dowitcher, 211; Western Sandpiper, 61; Marbled Godwit, 12; Sanderling, 100; Am. Avocet, 619; Black-necked Stilt, 1; Glaucous-winged Gull, 50; Western Gull, 165; Herring Gull, 225; California Gull, 71; Ring-billed Gull, 810; Mew Gull, 220; Bonaparte's Gull, 246; Heermann's Gull, 50; **Forster's Tern, 2**; Caspian Tern, 1; Common Murre, 7; Pigeon Guillemot, 5; Band-tailed Pigeon, 3; Mourning Dove, 36; Barn Owl, 1; Screech Owl, 1; Great Horned Owl, 1; Short-eared Owl, 3; Anna's Hummingbird, 8; Belted Kingfisher, 3; Red-shafted Flicker, 20; Acorn Woodpecker, 15; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 3; Downy Woodpecker, 1; Black Phoebe, 7; Say's Phoebe, 1; Horned Lark, 6; Steller's Jay, 9; Scrub Jay, 81; Common Raven, 2; Common Crow, 31; Chestnut-backed Chickadee, 77; Plain Titmouse, 16; Common Bushtit, 94; White-breasted Nuthatch, 2; Brown Creeper, 10; Wrentit, 42; Winter Wren, 3; Bewick's Wren, 8; Long-billed Marsh Wren, 1; Mockingbird, 9; California Thrasher, 6; Robin, 638; Varied Thrush, 1; Hermit Thrush, 10; Western Bluebird, 20; Golden-crowned Kinglet, 1; Ruby-crowned Kinglet, 13; Water Pipit, 3; Cedar Waxwing, 105; Loggerhead Shrike, 9; Hutton's Vireo, 3; Myrtle Warbler, 1; Audubon's Warbler, 90; Townsend's Warbler, 2; Yellowthroat, 11; **Yellow-breasted Chat, 1** [no details—Ed.]; House Sparrow, 40; Western Meadowlark, 49; Redwinged Blackbird, 315; Tricolored Blackbird, 100; **Hooded Oriole, 1** (has lingered all fall); Brewer's Blackbird, 581; Brown-headed Cowbird, 2; Purple Finch, 22; House Finch, 554; Pine Siskin, 50; Am. Goldfinch, 4; Lesser Goldfinch, 362; Rufous-sided Towhee, 11; Brown Towhee, 134; Savannah Sparrow, 63; Lark Sparrow, 30; Oregon Junco, 75; White-crowned Sparrow, 44; Golden-crowned Sparrow, 200; Fox Sparrow, 21; Song Sparrow, 15. **Total,** 163 species (1 additional race); about 13,707 individuals.—Ruth Breckenridge, Mrs. Aveline Butler, James S. Butler, Jan Cipar, Mrs. Wayne Cipar, B. Neil Dickinson, Oleta S. Dickinson (compiler), Norman East, Kevin Gray, Mrs. Karole Kinne, Mrs. Georgiana Larsen, J. E. McClellan, Joseph McMahon, A. E. Montgomery, Mrs. Lilliam Montgomery, Mrs. Winona Sears, C. L. Sleeper, Mike Stockridge (Sequoia Audubon Society).

569. Death Valley National Monument, Calif. (all points within a 10-mile diameter circle, center Furnace Creek Ranch; entire count taken below sea-level).—Dec. 23; 7:30 a.m. to 5 p.m. Overcast; temp. 38° to 62°; wind 8 m.p.h. Four observers in 4 parties. Total party-hours, 32 (31 on foot, 1 by car); total party-miles, 38 (20 on foot, 18 by car). ► Pied-billed Grebe, 3; Black-crowned Night Heron, 1; Mallard, 4; Green-winged Teal, 8; Am. Widgeon, 6; Wood Duck, 2; Ring-necked Duck, 1; Greater Scaup, 3; Lesser Scaup, 2; Ruddy Duck, 1; **Hooded Merganser, 1**; **Common Merganser, 6**; Cooper's Hawk, 3; Red-tailed Hawk, 2; Marsh Hawk, 1; Prairie Falcon, 1; Sparrow Hawk, 3; Gambel's Quail, 7; Am. Coot, 37; Killdeer, 17; Common Snipe, 17; Mourning Dove, 1; Roadrunner, 4; Great Horned Owl, 1; Red-shafted Flicker, 19; Yellow-bellied Sapsucker, 1; Black Phoebe, 11; Say's Phoebe, 20; Vermilion Flycatcher, 1; Common Raven, 45; Bewick's Wren, 7; Long-billed Marsh Wren, 8; Mockingbird, 3; Robin, 5; Hermit Thrush, 2; Mountain Bluebird, 27; Ruby-crowned Kinglet, 28; Water Pipit, 51; Loggerhead Shrike, 2; Starling, 207; Audubon's Warbler, 101; House Sparrow, 72; Western Meadowlark, 82; Brewer's Blackbird, 34; Brown-headed Cowbird, 1; House Finch, 12; Oregon Junco, 60; Brewer's Sparrow, 1; White-crowned Sparrow, 35; Lincoln's Sparrow, 3; Song Sparrow, 18. **Total,** 52 species; about 988 individuals.—William C. Bullard, Edgar Menning, Dwight Warren, Roland Wauer (compiler).

570. Ferndale, Calif. (all points within a 15-mile diameter circle, center Table Bluff Lighthouse at south end of Humboldt Bay).—Jan. 1; 8:15 a.m. to 5 p.m.; temp. 26° to 38°; wind NW, 4-14 m.p.h. Three observers in 1 party. Total party-hours, 9 (2 on foot, 7 by car); total party-miles, 282 (6 on foot, 276 by car). ► Horned Grebe, 2; Eared Grebe, 1; Western Grebe, 9; Pied-billed Grebe, 1; Brandt's Cormorant, 2; Great Blue Heron, 4; Common Egret, 6; Black-crowned Night Heron, 2; Whistling Swan, **353**; Mallard, 2; Pintail, 12; Green-winged Teal, 15; Am. Widgeon, 140; White-winged Scoter, 11; Surf Scoter, 15; Common Scoter, 5; Red-breasted Merganser, 3; Turkey Vulture, 2; White-tailed Kite, 1; Sharp-shinned Hawk, 1; Red-tailed Hawk, 1; Marsh Hawk, 6; Sparrow Hawk, 13; Am. Coot, 15; Killdeer, 224; Common Snipe, 25; Willet, 16; Least Sandpiper, 60; Sanderling, 24; Glaucous-winged Gull, 1; Western Gull, 1; Ring-

billed Gull, 30; Red-shafted Flicker, 16; Black Phoebe, 8; Common Raven, 2; Common Crow, 200; Winter Wren, 2; Robin, 39; Ruby-crowned Kinglet, 6; Water Pipit, 15; Starling, **1020** (first 4 years ago); Audubon's Warbler, 25; Western Meadowlark, 34; Red-winged Blackbird, 2; Brewer's Blackbird, 407; House Finch, 12; Oregon Junco, 11; White-crowned Sparrow, 32; Fox Sparrow, 4; Song Sparrow, 8. **Total,** 50 species; about 2846 individuals.—Mrs. Clarence Crane, Jr., Clarence Crane, Jr. (compiler), Janet Crane.

571. Los Angeles, Calif. (all points within a 15-mile diameter circle, center near Pico Boulevard and La Cienega Avenue since 1937).—Dec. 27; 4 a.m. to 5 p.m.; temp. 41° to 67°; wind variable, light. Fifty-two observers in 25 parties. Total party-hours, 193 (144 on foot, 49 by car); total party-miles, 428 (117 on foot, 311 by car). ► Red-throated Loon, 1; Horned Grebe, 17; Eared Grebe, 67; Western Grebe, 688; Pied-billed Grebe, 14; Brown Pelican, 5; Double-crested Cormorant, 18; Great Blue Heron, 8; Green Heron, 1; Common Egret, 112; Snowy Egret, 3; Black-crowned Night Heron, 21; Canada Goose, 1; Mallard, 24; Pintail, 3; Cinnamon Teal, 1; Shoveler, 7; Wood Duck, 1; Redhead, 1; Ring-necked Duck, 1; Lesser Scaup, 654; White-winged Scoter, 33; Surf Scoter, 860; Common Scoter, 61; Ruddy Duck, 41; **Common Merganser, 3**; Red-breasted Merganser, 3; Turkey Vulture, 1; White-tailed Kite, 2; Sharp-shinned Hawk, 2; Cooper's Hawk, 6; Red-tailed Hawk, 34; Swainson's Hawk, 1; Marsh Hawk, 4; Pigeon Hawk, 1; Sparrow Hawk, 34; California Quail, 285; Am. Coot, 478; Semipalmated Plover, 38; Snowy Plover, 20; Killdeer, 181; Black-bellied Plover, 75; Surfbird, 35; Black Turnstone, 23; Common Snipe, 12; Whimbrel, 4; Spotted Sandpiper, 4; Willet, 498; Greater Yellowlegs, 10; Least Sandpiper, 87; Dunlin, 3; Long-billed Dowitcher, 28; Western Sandpiper, 175; Marbled Godwit, 72; Sanderling, 252; sandpiper (sp.), 53; Glaucous-winged Gull, 4; Western Gull, 37; Herring Gull, 6; California Gull, 69; Ring-billed Gull, 885; Mew Gull, 14; Heermann's Gull, 10; gull (sp.), 113; Forster's Tern, 27; Band-tailed Pigeon, 1; Mourning Dove, 571; Spotted Dove, 109; Ringed Turtle Dove, 56; Roadrunner, 4; Barn Owl, 1; Great Horned Owl, 9; Burrowing Owl, 2; Long-eared Owl, 5; White-throated Swift, **233**; Black-chinned Hummingbird, 5; Anna's Hummingbird, 245; Belted Kingfisher, 5; Red-shafted Flicker, 146; Acorn Woodpecker, 3; Hairy Woodpecker, 3; Downy Woodpecker, 3; Nuttall's Woodpecker, 6; **Western Kingbird, 1**; Ash-throated Flycatcher, 1 [no details—Ed.]; Black Phoebe, 22; Say's Phoebe, 7; empidonax flycatcher, 1 (thought to be Western); Violet-green Swallow, 5; Scrub Jay, 577; Common Crow, 77; Mountain Chickadee, 4; Plain Titmouse, 53; Common Bushtit, 376; Brown Creeper, 3; Wrentit, 271; House Wren, 8; Bewick's Wren, 32; Cactus Wren, 1; Long-billed Marsh Wren, 1; Rock Wren, 3; Mockingbird, 545; California Thrasher, 79; Robin, 524; Varied Thrush, 1; Hermit Thrush, 94; Swainson's Thrush, 1 [no details—Ed.]; Western Bluebird, 7; Blue-gray Gnatcatcher, 4; Ruby-crowned Kinglet, 39; Water Pipit, 77; Cedar Waxwing, 260; Loggerhead Shrike, 34; Hutton's Vireo, 7; Orange-crowned Warbler, **36**; Audubon's Warbler, 2434; Townsend's Warbler, 1; Hermit Warbler, 1; [no details—Ed.]; House Sparrow, 1362; Western Meadowlark, 102; Brewer's Blackbird, 668; Western Tanager, 1 [no details—Ed.]; Purple Finch, 2; Cassin's Finch, 4; House Finch, 3134; Pine Siskin, 2; Am. Goldfinch, 35; Lesser Goldfinch, 150; Rufous-sided Towhee, 219; Brown Towhee, 691; Savannah Sparrow, 76; Lark Sparrow, 53; Rufous-crowned Sparrow, 3; Sage Sparrow, 1; Slate-colored Junco, 11; Oregon Junco, 673; Chipping Sparrow, 41; White-crowned Sparrow, 964; Golden-crowned Sparrow, 76; Fox Sparrow, 40; Lincoln's Sparrow, 1; Song Sparrow, 111. **Total,** 140 species; about 21,809 individuals.—Mr. and Mrs. Don Adams, Mr. and Mrs. Larry Bates, Clarence Beasley, Patrick Bennett, Robert E. Blackstone, John K. Blair, John Borneman, Theodore C. Broberg, J. Stanley Brody, Loring Dales, Caroline Daugherty, Merritt S. Dunlap, David DuVal, Bob Gee, Ted Gee, A. Paul Harkin, George T. Hastings, Mrs. Harry Hoffman, George Huber, J. W. Huffman, Warren A. Hunt, Noel A. Johnson, Nancy Kamberg, Elsie Kennedy, Aaron Krieger, Bill Lehmann, Mrs. Betty Meyerfeld, Alan Meyerfeld, Gudrun E. Pepke, Clara E. Pflager, Helen F. Reed, Mrs. Kathryn Robeson, David Robison, David Rolapp, Earl Rugraff, Mrs. Sara C. Schaeffer, Roscoe R. Schaffert, Catherine D. Shaw, Nellie Spencer, Norma Splitter, Mr. and Mrs. Fred L. Starch, Otis Wade, May Wait, Hannah R. Walker (compiler), Ernest Willoughby, Mr. and Mrs. Russ Wilson, Mr. and Mrs. Lindsay Workman.

572. Marysville, Calif. (all points within a 15-mile diameter circle, center Linda District).—Jan. 3; 7:30 a.m. to 4:30 p.m.; temp. 29° to 54°; wind NE, 15 m.p.h. Three observers in 1 party. Total party-hours, 9; total party-miles, 81 (3 on foot, 78 by car). ► Pied-billed Grebe, 2; Common Egret, 24; Canada Goose, 1150; Snow Goose, 3; Mallard, 27; Pintail, 170; Turkey Vulture, 5; White-tailed Kite, 1; Red-tailed Hawk, 4; Marsh Hawk, 11; Sparrow Hawk, 16; Ring-necked Pheasant, 2; Common Gallinule, 3; Am. Coot, 265; Killdeer, 12; Greater Yellowlegs, 4; Least Sandpiper, 9; Western Sandpiper, 236; Mourning Dove, 7; Saw-whet Owl, 1; Red-shafted Flicker, 14; Black Phoebe, 2; Horned Lark, 2; Scrub Jay, 5; Yellow-billed Magpie, 27; Common Crow, 55; Mockingbird, 2; Robin, 1; Water Pipit, 100; Cedar Waxwing, 30; Loggerhead Shrike, 4; Audubon's Warbler, 35; House Sparrow, 154; Western Meadowlark, 564; Brewer's Blackbird, 533; House Finch, 60; Am. Goldfinch, 183; Brown Towhee, 1; Lark Sparrow, 56; Oregon Junco, 4; White-crowned Sparrow, 1195; Golden-crowned Sparrow, 10. **Total,** 42 species; about 4955 individuals.—Gertrude Cable (compiler), Mrs. Richard Sullivan, Tunia Vandenbout (Yuba Sutter Audubon Club).

573. Monterey Peninsula, Calif. (all points within a 15-mile diameter circle, center on Devil's Hill since 1949; ocean and bays 17%, beaches and mud flats 7%, lagoons, ponds and lakes 4%, marshes and tule swamps 6%, open fields and golf courses 8%, low brush and chaparral 6%, tall brush 6%, oak groves 2%, pine woodlands 24%, gardens and city streets 10%, streambottom thickets 4%, cypress head-

195 (163 on foot, 29 by car, 3 by boat); total party-miles, 426 (90 on foot, 315 by car, 21 by boat). ► Arctic Loon, 1; Horned Grebe, 29; Eared Grebe, 109; Western Grebe, 69; Pied-billed Grebe, 34; White Pelican, 1; Double-crested Cormorant, 24; **Pelagic Cormorant, 1** (H.C.); Great Blue Heron, 12; Green Heron, 1; Common Egret, 1; Snowy Egret, 17; **Whistling Swan, 51**; Canada Goose, 1673; **Snow Goose, 100** (seen well); Mallard, 246; Pintail, 745; Green-winged Teal, **302**; **Cinnamon Teal, 3** (all field marks—J.K.); **European Widgeon, 1** (drake present months); Am. Widgeon, 912; Shoveler, 142; Wood Duck, 1; **Redhead, 4**; Ring-necked Duck, 9; Canvasback, 9746; Greater Scaup, 8; Lesser Scaup, 506; scaup (sp.), 10,432; Common Goldeneye, **1668**; Bufflehead, **2101**; White-winged Scoter, 832; Surf Scoter, **3405**; **Common Scoter,** 7; scoter (sp.), 3300; Ruddy Duck, 2341; Hooded Merganser, 7; Common Merganser, **160**; Red-breasted Merganser, 17; duck (sp.), 40,000; Turkey Vulture, 12; Sharp-shinned Hawk, 4; Cooper's Hawk, 3; Red-tailed Hawk, 26; Marsh Hawk, 1; Sparrow Hawk, 37; California Quail, 296; Ring-necked Pheasant, 1; Clapper Rail, 5; Am. Coot, 1392; Semipalmated Plover, 65; Snowy Plover, 34; Killdeer, 260; Black-bellied Plover, 1141; Ruddy Turnstone, 1; Black Turnstone, **89**; Common Snipe, 8; Long-billed Curlew, 168; Whimbrel, 7; Spotted Sandpiper, 6; Willet, 1700; Greater Yellowlegs, 14; Least Sandpiper, 979; Dunlin, 4775; Short-billed Dowitcher, 3; dowitcher (sp.), 388; Western Sandpiper, 7716; Marbled Godwit, 1250; Sanderling, 934; Am. Avocet, 2883; Glaucous-winged Gull, 1374; Western Gull, 509; Herring Gull, 113; California Gull, 936; Ring-billed Gull, 1312; Mew Gull, 144; Bonaparte's Gull, 216; gull (sp.), 25; Forster's Tern, 14; Mourning Dove, 170; Barn Owl, 1; Screech Owl, 2; Great Horned Owl, 31; Burrowing Owl, 1; Short-eared Owl, 8; Anna's Hummingbird, 93; Belted Kingfisher, 3; Red-shafted Flicker, 428; Acorn Woodpecker, 21; Yellow-bellied Sapsucker, 13; Hairy Woodpecker, 3; Downy Woodpecker, 6; Nuttall's Woodpecker, 13; Black Phoebe, 9; Say's Phoebe, 5; Horned Lark, 59; Steller's Jay, 112; Scrub Jay, 223; Common Crow, 32; Chestnut-backed Chickadee, 262; Plain Titmouse, 80; Common Bushtit, 603; White-breasted Nuthatch, 5; Red-breasted Nuthatch, 45; Brown Creeper, 14; Wrentit, 198; Winter Wren, 7; Bewick's Wren, 44; **Long-billed Marsh Wren, 1** (all field marks); Mockingbird, 18; California Thrasher, 7; Robin, 17,091; Varied Thrush, 24; Hermit Thrush, **224**; Western Bluebird, 53; Golden-crowned Kinglet, 51; Ruby-crowned Kinglet, 159; Water Pipit, 163; Cedar Waxwing, 1019; Loggerhead Shrike, 18; **Starling, 150** (4 last year, none before); Hutton's Vireo, 15; Orange-crowned Warbler, 3; Myrtle Warbler, 217 ("Most of Audubon's X Myrtle types are Myrtles in reality") [?—Ed.]; Audubon's Warbler, 123; Townsend's Warbler, 12; House Sparrow, 326; Western Meadowlark, 166; Redwinged Blackbird, 1552; **Tricolored Blackbird, 3**; Brewer's Blackbird, 207; Purple Finch, 45; House Finch, 534; Pine Siskin, 167; Am. Goldfinch, **239**; Lesser Goldfinch, 108; Rufous-sided Towhee, 139; Brown Towhee, 411; Savannah Sparrow, 87; Lark Sparrow, 15; Rufous-crowned Sparrow, 3; Oregon Junco, 1219; White-crowned Sparrow, 1930; Golden-crowned Sparrow, **1676**; Fox Sparrow, 152; Lincoln's Sparrow, 4; Song Sparrow, 157. **Total,** 142 species; about 138,838 individuals. (Seen in area count period, but not on count day: Black-crowned Night Heron, Brown-headed Cowbird.)—Betty Adamson, Harry Adamson, E. A. Albertson, Richard Bailey, Fred Barnes, Albert Boles, Francis Campbell, Bessie Cogswell, H. L. Cogswell, Herold Connon, Paul Covel, A. Laurence Curl, H. R. Curl, Betsey Cutler, Henry Dearborn, Lynn Farrar, Norman Fitzwater, Henry Haig, Mary Haig, Junea Kelly, George Leavitt, Jr., L. Richard Leinbach, Mary Leinbach, Elizabeth S. Lennan, Phyllis Lindley, Mr. and Mrs. James Linford, Guy McCaskie, Jack Mann, Marie Mans, Arthur Myer, Doris Ogden, Nora Opler, Paul Opler, Paulene Opler, Harold Peterson, C. John Ralph (compiler), Mr. and Mrs. A. Ramd, Arthur Richter, Jessie Saunders, Jean Stallcup, Lee Stallcup, Richard Stallcup, Willard R. Trask, Ethel Unselt, Peter Veitch, Minnie H. Young (Golden Gate Audubon Society).

576 Oceanside–Vista, Calif. (all points within a 15-mile diameter circle, center 3 miles south of Vista as in 1958; landscaped grounds and groves 20%, reservoirs 5%, ocean shore 5%, brackish lagoon and tule marsh 20%, salt-water slough 5%, dry river with brush and cottonwood margins 15%, grassy and cultivated valley lands 15%, grass and chaparral 10%, oak canyons 5%).—Jan. 2; 7 a.m. to 5:30 p.m. Clear; temp. 28° to 65°; wind SW, 0-5 m.p.h. Thirteen observers in 4 parties. Total party-hours, 36 (16 on foot, 20 by car); total party-miles, 191 (11 on foot, 180 by car). ► Arctic Loon, 1; Eared Grebe, 21; Pied-billed Grebe, 10; Brown Pelican, 1; Double-crested Cormorant, 33; Great Blue Heron, 12; Green Heron, 6; Common Egret, 2; Snowy Egret, 1; Black-crowned Night Heron, 29; Canada Goose, 30; Pintail, 93; Green-winged Teal, 270; **Blue-winged Teal, 1**; Cinnamon Teal, 17; Am. Widgeon, 27; Shoveler, 1016; Redhead, 15; Canvasback, 15; Lesser Scaup, 1; Bufflehead, 36; White-winged Scoter, 1; Common Scoter, 1; Ruddy Duck, 116; Common Merganser, **12**; Red-breasted Merganser, 1; Turkey Vulture, 2; White-tailed Kite, 4; Cooper's Hawk, 2; Red-tailed Hawk, 41; Red-shouldered Hawk, 13; Golden Eagle, 1; Marsh Hawk, 5; Sparrow Hawk, 59; California Quail, 110; Sora, 1; Common Gallinule, 4; Am. Coot, 536; Killdeer, 74; Black-bellied Plover, 23; Common Snipe, 2; Willet, 9; Greater Yellowlegs, 2; Short-billed Dowitcher, 10; Western Sandpiper, 51; Marbled Godwit, 2; Sanderling, 85; Black-necked Stilt, 4; Red Phalarope, 1; Northern Phalarope, 35; Western Gull, 25; Herring Gull, 3; Ring-billed Gull, 60; Heermann's Gull, 5; Forster's Tern, 2; Mourning Dove, 195; Spotted Dove, 6; Roadrunner, 5; Barn Owl, 2; Burrowing Owl, 6; White-throated Swift, 2; Costa's Hummingbird, 18 [no details; highest count in U.S. last year only 5—Ed.]; Anna's Hummingbird, 8; Belted Kingfisher, 2; Red-shafted Flicker, 25; Acorn Woodpecker, 6; Yellow-bellied Sapsucker, 4; Western Kingbird, 4 [no details]; Cassin's Kingbird, 4; Black Phoebe, 56; Say's Phoebe, 3; Horned Lark, 6; Tree Swallow, 7; Scrub Jay, 6; Common Raven, 37; Common Crow, 42; Common Bushtit, 96; Wrentit, 10; House Wren, 1; Bewick's Wren, 1; Long-billed

lands 1%, redwoods 2%, rocky shore 3%).—Dec. 28; 6:30 a.m. to 6:30 p.m. Clear; temp. 32° to 60°; wind NE, 0-5 m.p.h. Nine observers in 6 parties. Total party-hours, 38 (27 on foot, 11 by car); total party-miles, 111 (91 on foot, 20 by car). ► Common Loon, 5; Arctic Loon, 12; Red-throated Loon, 5; Red-necked Grebe, 1; Horned Grebe, 48; Eared Grebe, 28; Western Grebe, 12; Pied-billed Grebe, 3; Brown Pelican, 104; Double-crested Cormorant, 2; Brandt's Cormorant, 554; Pelagic Cormorant, 101; Great Blue Heron, 2; Snow Goose, 1; Mallard, 48; Pintail, 10; Green-winged Teal, 6; Am. Widgeon, 16; Shoveler, 39; Ring-necked Duck, 1; Canvasback, 30; Common Goldeneye, 1; Bufflehead, 16; White-winged Scoter, 29; Surf Scoter, 1072; Ruddy Duck, 175; Red-breasted Merganser, 22; Sharp-shinned Hawk, 1; Red-tailed Hawk, 8; Red-shouldered Hawk, 2; Peregrine Falcon, 1; Sparrow Hawk, 21; California Quail, 75; Virginia Rail, 1; Sora, 1; Am. Coot, 447; Black Oystercatcher, 12; Snowy Plover, 33; Killdeer, 63; Surfbird, 9; Ruddy Turnstone, 2; Black Turnstone, 128; Common Snipe, 29; Spotted Sandpiper, 5; Wandering Tattler, 2; Willet, 261; Least Sandpiper, 8; Short-billed Dowitcher, 1; Marbled Godwit, 3; Sanderling, 605; **Red Phalarope, 22**; Glaucous-winged Gull, 280; Western Gull, 447; Herring Gull, 14; California Gull, 692; Ring-billed Gull, 4; Mew Gull, 973; Bonaparte's Gull, 3; Heermann's Gull, 1580; Common Murre, 7; Pigeon Guillemot, 1; Rhinoceros Auklet, 15; Band-tailed Pigeon, 6; Mourning Dove, 2; Barn Owl, 1; Screech Owl, 1; Great Horned Owl, 3; Pygmy Owl, 1; White-throated Swift, 6; Anna's Hummingbird, 17; Belted Kingfisher, 3; Red-shafted Flicker, 28; Acorn Woodpecker, 21; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 7; Downy Woodpecker, 3; Nuttall's Woodpecker, 1; Black Phoebe, 13; Say's Phoebe, 7; Horned Lark, 160; Steller's Jay, 11; Scrub Jay, 83; Yellow-billed Magpie, 2; Common Crow, 28; Chestnut-backed Chickadee, 20; Common Bushtit, 43; Pigmy Nuthatch, 45; Brown Creeper, 1; Wrentit, 19; Winter Wren, 2; Bewick's Wren, 12; Long-billed Marsh Wren, 1; Mockingbird, 1; Robin, 213; Hermit Thrush, 29; Ruby-crowned Kinglet, 8; Water Pipit, 84; Cedar Waxwing, 20; Loggerhead Shrike, 8; Hutton's Vireo, 19; Orange-crowned Warbler, 1; Audubon's Warbler, 107; Townsend's Warbler, 9; House Sparrow, 12; Western Meadowlark, 226; Redwinged Blackbird, 241; Brewer's Blackbird, 658; Brown-headed Cowbird, 8; Purple Finch, 10; House Finch, 416; Pine Siskin, 60; Lesser Goldfinch, 13; Rufous-sided Towhee, 13; Brown Towhee, 12; Savannah Sparrow, 5; Oregon Junco, 199; White-crowned Sparrow, 255; Golden-crowned Sparrow, 446; Fox Sparrow, 18; Lincoln's Sparrow, 3; Song Sparrow, 20. **Total,** 121 species; about 11,763 individuals. (Seen in area count period, but not on count day: Adult male Summer Tanager, carefully identified by Laidlaw Williams.)—Norma Barker, Milton Frinke, Louise Hatton, Elmer E. Highley(compiler), Alva Lamont, George P. Lamont, Robert Rickleffs, Laidlaw O. Williams, Vernal L. Yadon.

574. Morro Bay, Calif. (all points within a 15-mile diameter circle, center on Hollister Peak; observations concentrated chiefly along shore; only 10% of area covered due to lack of qualified observers).—Dec. 30; 7 a.m. to 5:30 p.m. High fog until 4 p.m.; temp. 37° to 58°; wind NW, 0-25, gusts p.m. to 45 m.p.h. Four observers in 4 parties. Total party-hours, 34; total party-miles, 67 (5 on foot, 62 by car). ► Red-throated Loon, 1; Horned Grebe, 7; Eared Grebe, 16; Western Grebe, 67; Pied-billed Grebe, 1; White Pelican, 1; Brown Pelican, 25; Double-crested Cormorant, 6; Brandt's Cormorant, 9; Pelagic Cormorant, 26; Great Blue Heron, 14; Common Egret, 9; Snowy Egret, 8; Black-crowned Night Heron, 1; Canada Goose, 9; Black Brant, 169; Pintail, 533; Green-winged Teal, 272; Am. Widgeon, 328; Lesser Scaup, 54; Bufflehead, 53; White-winged Scoter, 1; Surf Scoter, 201; Ruddy Duck, 186; Red-breasted Merganser, 1; Turkey Vulture, 32; Cooper's Hawk, 2; Red-tailed Hawk, 7; Red-shouldered Hawk, 4; Golden Eagle, 1; Marsh Hawk, 1; Peregrine Falcon, 1; Pigeon Hawk, 2; Sparrow Hawk, 6; California Quail, 300+; Virginia Rail, 5; Sora, 1; Am. Coot, 193; Black Oystercatcher, 9; Killdeer, 2; Black-bellied Plover, 1; Surfbird, 8; Black Turnstone, 12; Long-billed Curlew, 5; Whimbrel, 10; Spotted Sandpiper, 4; Willet, 73; Greater Yellowlegs, 6; Least Sandpiper, 165; Dunlin, 71; Long-billed Dowitcher, 31; Western Sandpiper, 52; Marbled Godwit, 32; Sanderling, 11; Glaucous-winged Gull, 2; Western Gull, 81; Herring Gull, 4; California Gull, 9; Ring-billed Gull, 30; Heermann's Gull, 5; Forster's Tern, 3; Royal Tern, 1; Mourning Dove, 100; Great Horned Owl, 1; White-throated Swift, 3; **Black-chinned Hummingbird, 2** (regular at feeder); Anna's Hummingbird, 5; **Allen's Hummingbird, 1** (regular at feeder); Belted Kingfisher, 8; Red-shafted Flicker, 7; Yellow-bellied Sapsucker, 2; Downy Woodpecker, 2; Black Phoebe, 1; Say's Phoebe, 3; Horned Lark, 4; Scrub Jay, 10; Common Raven, 2; Common Crow, 3; Plain Titmouse, 1; Common Bushtit, 25; Wrentit, 13; Bewick's Wren, 2; Long-billed Marsh Wren, 3; Mockingbird, 2; California Thrasher, 10; Robin, 1; Hermit Thrush, 3; Western Bluebird, 2; Ruby-crowned Kinglet, 7; Water Pipit, 2; Loggerhead Shrike, 3; Orange-crowned Warbler; 1; Audubon's Warbler, 107; Townsend's Warbler, 1; House Sparrow, 6; Western Meadowlark, 30; Red-winged Blackbird, 10; Brewer's Blackbird, 12; Purple Finch, 14; House Finch, 54; Am. Goldfinch, 13; Lesser Goldfinch, 15; Rufous-sided Towhee, 23; Brown Towhee, 30; Oregon Junco, 14; White-crowned Sparrow, 575; Golden-crowned Sparrow, 560; Fox Sparrow, 19; Lincoln's Sparrow, 4; Song Sparrow, 21. **Total,** 110 species; about 4917 individuals. (Seen in area count period, but not on count day: Wandering Tattler, Am. Avocet, Nuttall's Woodpecker, Cañon Wren, Rock Wren, Cedar Waxwing).—Mrs. H. J. Bender, Mrs. Madelyn L. Eccleston, Alma J. Stultz (compiler), C. F. Tolman, Jr.

575. Oakland, Calif. (all points within a 15-mile diameter circle, center at Moraga Ave. and Estates Drive as in 1939 and subsequent years; bay and harbor 7%, sand-mud flats and bayshore 9%, salt marshes and tide channels 2%, brackish lakes 4%, fresh-water lakes 7%, open fields 8%, brushy areas 15%, oak-laurel-madrone forests 18%, coniferous forests 8%, city parks and residential areas 22%).—Jan. 1; 4 a.m. to 10 p.m. Clear; temp. 24° to 49°; wind variable, 0-10 m.p.h.; shaded streams frozen all day. Fifty observers in 14 parties. Total party-hours,

lands 1%, redwoods 2%, rocky shore 3%).—Dec. 28; 6:30 a.m. to 6:30 p.m. Clear; temp. 32° to 60°; wind NE, 0-5 m.p.h. Nine observers in 6 parties. Total party-hours, 38 (27 on foot, 11 by car); total party-miles, 111 (91 on foot, 20 by car). ► Common Loon, 5; Arctic Loon, 12; Red-throated Loon, 5; Red-necked Grebe, 1; Horned Grebe, 48; Eared Grebe, 28; Western Grebe, 12; Pied-billed Grebe, 3; Brown Pelican, 104; Double-crested Cormorant, 2; Brandt's Cormorant, 554; Pelagic Cormorant, 101; Great Blue Heron, 2; Snow Goose, 1; Mallard, 48; Pintail, 10; Green-winged Teal, 6; Am. Widgeon, 16; Shoveler, 39; Ring-necked Duck, 1; Canvasback, 30; Common Goldeneye, 1; Bufflehead, 16; White-winged Scoter, 29; Surf Scoter, 1072; Ruddy Duck, 175; Red-breasted Merganser, 22; Sharp-shinned Hawk, 1; Red-tailed Hawk, 8; Red-shouldered Hawk, 2; Peregrine Falcon, 1; Sparrow Hawk, 21; California Quail, 75; Virginia Rail, 1; Sora, 1; Am. Coot, 447; Black Oystercatcher, 12; Snowy Plover, 33; Killdeer, 63; Surfbird, 9; Ruddy Turnstone, 2; Black Turnstone, 128; Common Snipe, 29; Spotted Sandpiper, 5; Wandering Tattler, 2; Willet, 261; Least Sandpiper, 8; Short-billed Dowitcher, 1; Marbled Godwit, 3; Sanderling, 605; **Red Phalarope, 22**; Glaucous-winged Gull, 280; Western Gull, 447; Herring Gull, 14; California Gull, 692; Ring-billed Gull, 4; Mew Gull, 973; Bonaparte's Gull, 3; Heermann's Gull, 1580; Common Murre, 7; Pigeon Guillemot, 1; Rhinoceros Auklet, 15; Band-tailed Pigeon, 6; Mourning Dove, 2; Barn Owl, 1; Screech Owl, 1; Great Horned Owl, 3; Pygmy Owl, 1; White-throated Swift, 6; Anna's Hummingbird, 17; Belted Kingfisher, 3; Red-shafted Flicker, 28; Acorn Woodpecker, 21; Yellow-bellied Sapsucker, 3; Hairy Woodpecker, 7; Downy Woodpecker, 3; Nuttall's Woodpecker, 1; Black Phoebe, 13; Say's Phoebe, 7; Horned Lark, 160; Steller's Jay, 11; Scrub Jay, 83; Yellow-billed Magpie, 2; Common Crow, 28; Chestnut-backed Chickadee, 20; Common Bushtit, 43; Pigmy Nuthatch, 45; Brown Creeper, 1; Wrentit, 19; Winter Wren, 2; Bewick's Wren, 12; Long-billed Marsh Wren, 1; Mockingbird, 1; Robin, 213; Hermit Thrush, 29; Ruby-crowned Kinglet, 8; Water Pipit, 84; Cedar Waxwing, 20; Loggerhead Shrike, 8; Hutton's Vireo, 19; Orange-crowned Warbler, 1; Audubon's Warbler, 107; Townsend's Warbler, 9; House Sparrow, 12; Western Meadowlark, 226; Redwinged Blackbird, 241; Brewer's Blackbird, 658; Brown-headed Cowbird, 8; Purple Finch, 10; House Finch, 416; Pine Siskin, 60; Lesser Goldfinch, 13; Rufous-sided Towhee, 13; Brown Towhee, 12; Savannah Sparrow, 5; Oregon Junco, 199; White-crowned Sparrow, 255; Golden-crowned Sparrow, 446; Fox Sparrow, 18; Lincoln's Sparrow, 3; Song Sparrow, 20. **Total,** 121 species; about 11,763 individuals. (Seen in area count period, but not on count day: Adult male Summer Tanager, carefully identified by Laidlaw Williams.)—Norma Barker, Milton Frinke, Louise Hatton, Elmer E. Highley (compiler), Alva Lamont, George P. Lamont, Robert Rickleffs, Laidlaw O. Williams, Vernal L. Yadon.

574. Morro Bay, Calif. (all points within a 15-mile diameter circle, center on Hollister Peak; observations concentrated chiefly along shore; only 10% of area covered due to lack of qualified observers).—Dec. 30; 7 a.m. to 5:30 p.m. High fog until 4 p.m.; temp. 37° to 58°; wind NW, 0-25, gusts p.m. to 45 m.p.h. Four observers in 4 parties. Total party-hours, 34; total party-miles, 67 (5 on foot, 62 by car). ► Red-throated Loon, 1; Horned Grebe, 7; Eared Grebe, 16; Western Grebe, 67; Pied-billed Grebe, 1; White Pelican, 1; Brown Pelican, 25; Double-crested Cormorant, 6; Brandt's Cormorant, 9; Pelagic Cormorant, 26; Great Blue Heron, 14; Common Egret, 9; Snowy Egret, 8; Black-crowned Night Heron, 1; Canada Goose, 9; Black Brant, 169; Pintail, 533; Green-winged Teal, 272; Am. Widgeon, 328; Lesser Scaup, 54; Bufflehead, 53; White-winged Scoter, 1; Surf Scoter, 201; Ruddy Duck, 186; Red-breasted Merganser, 1; Turkey Vulture, 32; Cooper's Hawk, 2; Red-tailed Hawk, 7; Red-shouldered Hawk, 4; Golden Eagle, 1; Marsh Hawk, 1; Peregrine Falcon, 1; Pigeon Hawk, 2; Sparrow Hawk, 6; California Quail, 300+; Virginia Rail, 5; Sora, 1; Am. Coot, 193; Black Oystercatcher, 9; Killdeer, 2; Black-bellied Plover, 1; Surfbird, 8; Black Turnstone, 12; Long-billed Curlew, 5; Whimbrel, 10; Spotted Sandpiper, 4; Willet, 73; Greater Yellowlegs, 6; Least Sandpiper, 165; Dunlin, 71; Long-billed Dowitcher, 31; Western Sandpiper, 52; Marbled Godwit, 32; Sanderling, 11; Glaucous-winged Gull, 2; Western Gull, 81; Herring Gull, 4; California Gull, 9; Ring-billed Gull, 30; Heermann's Gull, 5; Forster's Tern, 3; Royal Tern, 1; Mourning Dove, 100; Great Horned Owl, 1; White-throated Swift, 3; **Black-chinned Hummingbird, 2** (regular at feeder); Anna's Hummingbird, 5; **Allen's Hummingbird,** 1 (regular at feeder); Belted Kingfisher, 8; Red-shafted Flicker, 7; Yellow-bellied Sapsucker, 2; Downy Woodpecker, 2; Black Phoebe, 1; Say's Phoebe, 3; Horned Lark, 4; Scrub Jay, 10; Common Raven, 2; Common Crow, 3; Plain Titmouse, 1; Common Bushtit, 25; Wrentit, 13; Bewick's Wren, 2; Long-billed Marsh Wren, 3; Mockingbird, 2; California Thrasher, 10; Robin, 1; Hermit Thrush, 3; Western Bluebird, 2; Ruby-crowned Kinglet, 7; Water Pipit, 2; Loggerhead Shrike, 3; Orange-crowned Warbler; 1; Audubon's Warbler, 107; Townsend's Warbler, 1; House Sparrow, 6; Western Meadowlark, 30; Red-winged Blackbird, 10; Brewer's Blackbird, 12; Purple Finch, 14; House Finch, 54; Am. Goldfinch, 13; Lesser Goldfinch, 15; Rufous-sided Towhee, 23; Brown Towhee, 30; Oregon Junco, 14; White-crowned Sparrow, 575; Golden-crowned Sparrow, 560; Fox Sparrow, 19; Lincoln's Sparrow, 4; Song Sparrow, 21. **Total,** 110 species; about 4917 individuals. (Seen in area count period, but not on count day: Wandering Tattler, Am. Avocet, Nuttall's Woodpecker, Cañon Wren, Rock Wren, Cedar Waxwing).—Mrs. H. J. Bender, Mrs. Madelyn L. Eccleston, Alma J. Stultz (compiler), C. F. Tolman, Jr.

575. Oakland, Calif. (all points within a 15-mile diameter circle, center at Moraga Ave. and Estates Drive as in 1939 and subsequent years; bay and harbor 7%, sand-mud flats and bayshore 9%, salt marshes and tide channels 2%, brackish lakes 4%, fresh-water lakes 7%, open fields 8%, brushy areas 15%, oak-laurel-madrone forests 18%, coniferous forests 8%, city parks and residential areas 22%).—Jan. 1; 4 a.m. to 10 p.m. Clear; temp. 24° to 49°; wind variable, 0-10 m.p.h.; shaded streams frozen all day. Fifty observers in 14 parties. Total party-hours,

195 (163 on foot, 29 by car, 3 by boat); total party-miles, 426 (90 on foot, 315 by car, 21 by boat). ► Arctic Loon, 1; Horned Grebe, 29; Eared Grebe, 109; Western Grebe, 69; Pied-billed Grebe, 34; White Pelican, 1; Double-crested Cormorant, 24; **Pelagic Cormorant, 1** (H.C.); Great Blue Heron, 12; Green Heron, 1; Common Egret, 1; Snowy Egret, 17; **Whistling Swan, 51**; Canada Goose, 1673; **Snow Goose, 100** (seen well); Mallard, 246; Pintail, 745; Green-winged Teal, **302**; **Cinnamon Teal, 3** (all field marks —J.K.); **European Widgeon, 1** (drake present months); Am. Widgeon, 912; Shoveler, 142; Wood Duck, 1; **Redhead, 4**; Ring-necked Duck, 9; Canvasback, 9746; Greater Scaup, 8; Lesser Scaup, 506; scaup (sp.), 10,432; Common Goldeneye, **1668**; Bufflehead, **2101**; White-winged Scoter, 832; Surf Scoter, **3405**; **Common Scoter,** 7; scoter (sp.), 3300; Ruddy Duck, 2341; Hooded Merganser, 7; Common Merganser, **160**; Red-breasted Merganser, 17; duck (sp.), 40,000; Turkey Vulture, 12; Sharp-shinned Hawk, 4; Cooper's Hawk, 3; Red-tailed Hawk, 26; Marsh Hawk, 1; Sparrow Hawk, 37; California Quail, 296; Ring-necked Pheasant, 1; Clapper Rail, 5; Am. Coot, 1392; Semipalmated Plover, 65; Snowy Plover, 34; Killdeer, 260; Black-bellied Plover, 1141; Ruddy Turnstone, 1; Black Turnstone, **89**; Common Snipe, 8; Long-billed Curlew, 168; Whimbrel, 7; Spotted Sandpiper, 6; Willet, 1700; Greater Yellowlegs, 14; Least Sandpiper, 979; Dunlin, 4775; Short-billed Dowitcher, 3; dowitcher (sp.), 388; Western Sandpiper, 7716; Marbled Godwit, 1250; Sanderling, 934; Am. Avocet, 2883; Glaucous-winged Gull, 1374; Western Gull, 509; Herring Gull, 113; California Gull, 936; Ring-billed Gull, 1312; Mew Gull, 144; Bonaparte's Gull, 216; gull (sp.), 25; Forster's Tern, 14; Mourning Dove, 170; Barn Owl, 1; Screech Owl, 2; Great Horned Owl, 31; Burrowing Owl, 1; Short-eared Owl, 8; Anna's Hummingbird, 93; Belted Kingfisher, 3; Red-shafted Flicker, 428; Acorn Woodpecker, 21; Yellow-bellied Sapsucker, 13; Hairy Woodpecker, 3; Downy Woodpecker, 6; Nuttall's Woodpecker, 13; Black Phoebe, 9; Say's Phoebe, 5; Horned Lark, 59; Steller's Jay, 112; Scrub Jay, 223; Common Crow, 32; Chestnut-backed Chickadee, 262; Plain Titmouse, 80; Common Bushtit, 603; White-breasted Nuthatch, 5; Red-breasted Nuthatch, 45; Brown Creeper, 14; Wrentit, 198; Winter Wren, 7; Bewick's Wren, 44; **Long-billed Marsh Wren, 1** (all field marks); Mockingbird, 18; California Thrasher, 7; Robin, 17,091; Varied Thrush, 24; Hermit Thrush, **224**; Western Bluebird, 53; Golden-crowned Kinglet, 51; Ruby-crowned Kinglet, 159; Water Pipit, 163; Cedar Waxwing, 1019; Loggerhead Shrike, 18; **Starling, 150** (4 last year, none before); Hutton's Vireo, 15; Orange-crowned Warbler, 3; Myrtle Warbler, **217** ("Most of Audubon's X Myrtle types are Myrtles in reality") [?—Ed.]; Audubon's Warbler, 123; Townsend's Warbler, 12; House Sparrow, 326; Western Meadowlark, 166; Redwinged Blackbird, 1552; **Tricolored Blackbird, 3**; Brewer's Blackbird, 207; Purple Finch, 45; House Finch, 534; Pine Siskin, 167; Am. Goldfinch, **239**; Lesser Goldfinch, 108; Rufous-sided Towhee, 139; Brown Towhee, 411; Savannah Sparrow, 87; Lark Sparrow, 15; Rufous-crowned Sparrow, 3; Oregon Junco, 1219; White-crowned Sparrow, 1930; Golden-crowned Sparrow, **1676**; Fox Sparrow, 152; Lincoln's Sparrow, 4; Song Sparrow, 157. **Total,** 142 species; about 138,838 individuals. (Seen in area count period, but not on count day: Black-crowned Night Heron, Brown-headed Cowbird.)—Betty Adamson, Harry Adamson, E. A. Albertson, Richard Bailey, Fred Barnes, Albert Boles, Francis Campbell, Bessie Cogswell, H. L. Cogswell, Herold Connon, Paul Covel, A. Laurence Curl, H. R. Curl, Betsey Cutler, Henry Dearborn, Lynn Farrar, Norman Fitzwater, Henry Haig, Mary Haig, Junea Kelly, George Leavitt, Jr., L. Richard Leinbach, Mary Leinbach, Elizabeth S. Lennan, Phyllis Lindley, Mr. and Mrs. James Linford, Guy McCaskie, Jack Mann, Marie Mans, Arthur Myer, Doris Ogden, Nora Opler, Paul Opler, Paulene Opler, Harold Peterson, C. John Ralph (compiler), Mr. and Mrs. A. Ramd, Arthur Richter, Jessie Saunders, Jean Stallcup, Lee Stallcup, Richard Stallcup, Willard R. Trask, Ethel Unselt, Peter Veitch, Minnie H. Young (Golden Gate Audubon Society).

576 Oceanside–Vista, Calif. (all points within a 15-mile diameter circle, center 3 miles south of Vista as in 1958; landscaped grounds and groves 20%, reservoirs 5%, ocean shore 5%, brackish lagoon and tule marsh 20%, salt-water slough 5%, dry river with brush and cottonwood margins 15%, grassy and cultivated valley lands 15%, grass and chaparral 10%, oak canyons 5%).—Jan. 2; 7 a.m. to 5:30 p.m. Clear; temp. 28° to 65°; wind SW, 0-5 m.p.h. Thirteen observers in 4 parties. Total party-hours, 36 (16 on foot, 20 by car); total party-miles, 191 (11 on foot, 180 by car). ► Arctic Loon, 1; Eared Grebe, 21; Pied-billed Grebe, 10; Brown Pelican, 1; Double-crested Cormorant, 33; Great Blue Heron, 12; Green Heron, 6; Common Egret, 2; Snowy Egret, 1; Black-crowned Night Heron, 29; Canada Goose, 30; Pintail, 93; Green-winged Teal, 270; **Blue-winged Teal, 1**; Cinnamon Teal, 17; Am. Widgeon, 27; Shoveler, 1016; Redhead, 15; Canvasback, 15; Lesser Scaup, 1; Bufflehead, 36; White-winged Scoter, 1; Common Scoter, 1; Ruddy Duck, 116; Common Merganser, **12**; Red-breasted Merganser, 1; Turkey Vulture, 2; White-tailed Kite, 4; Cooper's Hawk, 2; Red-tailed Hawk, 41; Red-shouldered Hawk, 13; Golden Eagle, 1; Marsh Hawk, 5; Sparrow Hawk, 59; California Quail, 110; Sora, 1; Common Gallinule, 4; Am. Coot, 536; Killdeer, 74; Black-bellied Plover, 23; Common Snipe, 2; Willet, 9; Greater Yellowlegs, 2; Short-billed Dowitcher, 10; Western Sandpiper, 51; Marbled Godwit, 2; Sanderling, 85; Black-necked Stilt, 4; Red Phalarope, 1; Northern Phalarope, 35; Western Gull, 25; Herring Gull, 3; Ring-billed Gull, 60; Heermann's Gull, 5; Forster's Tern, 2; Mourning Dove, 195; Spotted Dove, 6; Roadrunner, 5; Barn Owl, 2; Burrowing Owl, 6; White-throated Swift, 2; Costa's Hummingbird, 18 [no details; highest count in U.S. last year only 5—Ed.]; Anna's Hummingbird, 8; Belted Kingfisher, 2; Red-shafted Flicker, 25; Acorn Woodpecker, 6; Yellow-bellied Sapsucker, 4; Western Kingbird, 4 [no details]; Cassin's Kingbird, 4; Black Phoebe, 56; Say's Phoebe, 3; Horned Lark, 6; Tree Swallow, 7; Scrub Jay, 6; Common Raven, 37; Common Crow, 42; Common Bushtit, 96; Wrentit, 10; House Wren, 1; Bewick's Wren, 1; Long-billed

Marsh Wren, 1; Mockingbird, 43; California Thrasher, 3; Robin, 73; Hermit Thrush, 3; Western Bluebird, 1; Mountain Bluebird, 30; Ruby-crowned Kinglet, 31; Water Pipit, 11; Phainopepla, 1; Loggerhead Shrike, 38; Audubon's Warbler, 346; Yellowthroat, 5; House Sparrow, 100; Western Meadowlark, 172; Redwinged Blackbird, 473; Brewer's Blackbird, 1600; Brown-headed Cowbird, 36; House Finch, 1382; Lesser Goldfinch, 58; Rufous-sided Towhee, 5; Brown Towhee, 65; Savannah Sparrow, 1; Lark Sparrow, 27; Rufous-crowned Sparrow, 1; Sage Sparrow, 5; Oregon Junco, 147; Chipping Sparrow, 2; White-crowned Sparrow, 683; Fox Sparrow, 1; Song Sparrow, 8. **Total,** 111 species; about 8843 individuals. [Goshawk, 1 and Baird's Sandpiper, 53 submitted without details and not underlined as unusual removed from list—ED.] (Seen in area count period, but not on count day: Western Grebe, Am. Bittern, Sharp-shinned Hawk, Ring-necked Pheasant, Clapper Rail, Snowy Plover, Whimbrel, Great Horned Owl, Cedar Waxwing.)—Mr. and Mrs. Arthur Gregory, L. Claire Hulbert, Alvin R. Kyte, Mr. and Mrs. Malcolm McClellen, Mr. and Mrs. G. L. McVey, Eugene A. Mielcarek, Mr. and Mrs. Boyd Robinson, Frances L. Wallace, Dale Wood (compiler) (Buena Vista Audubon Society).

577. Orange County (central and coastal), Calif. (all points within a 15-mile diameter circle, center on Huntington Beach, including from Seal Beach to Corona del Mar, inland to Santa Ana; ocean 20%, fields 30%, salt marsh 10%, mud flat 20%, pastures 5%, urban 15%).—Dec. 29; 8 a.m. to 7 p.m. Mostly sunny; temp. 46° to 64°; wind NE, 3 m.p.h. Forty-nine observers in 10 parties. Total party-hours, 80 (40 on foot, 37 by car, 3 by boat); total party-miles, 125 (30 on foot, 180 by car, 15 by boat). ► Common Loon, 2; Arctic Loon, 6; Red-throated Loon, 8; **Red-necked Grebe, 1** (carefully identified—J.J.); Horned Grebe, 27; Eared Grebe, 126; Western Grebe, 36; Pied-billed Grebe, 13; Brown Pelican, 15; Double-crested Cormorant, 8; Great Blue Heron, 36; Green Heron, 1; Common Egret, 91; Snowy Egret, 90; Black-crowned Night Heron, **39**; Am. Bittern, 1; Canada Goose, 113; Mallard, 77; Pintail, **14,322**; Green-winged Teal, 50; **Blue-winged Teal, 2**; Cinnamon Teal, 74; Am. Widgeon, 5893; Shoveler, 3457; Lesser Scaup, 949; Bufflehead, 46; White-winged Scoter, 1; Surf Scoter, 5046; Ruddy Duck, 516; Red-breasted Merganser, 24; Turkey Vulture, 29; White-tailed Kite, **34**; Cooper's Hawk, 3; Red-tailed Hawk, 33; **Swainson's Hawk, 5** (3—I.M.; 2—H.M., D.R.); **Golden Eagle, 1**; Marsh Hawk, 20; **Peregrine Falcon, 1**; **Pigeon Hawk, 1** (R.H.); Sparrow Hawk, 153; California Quail, 2; Ring-necked Pheasant, 2; Clapper Rail, **61**; Sora, **10**; Am. Coot, 904; Semipalmated Plover, 44; Snowy Plover, 68; Killdeer, 815; Mountain Plover, **404**; Black-bellied Plover, 918; Ruddy Turnstone, 1; Common Snipe, **502**; Long-billed Curlew, 51; Whimbrel, 143; Spotted Sandpiper, 1; Willet, 478; Greater Yellowlegs, 36; **Lesser Yellowlegs, 6**; **Baird's Sandpiper, 7** (carefully identified—H.M., D.R.); Least Sandpiper, 736; Dunlin, 3673; Long-billed Dowitcher, 1072; Western Sandpiper, 2881; Marbled Godwit, 662; Sanderling, 427; Am. Avocet, 529; Black-necked Stilt, 16; **Red Phalarope, 1** (on ocean—R.H.); **Northern Phalarope, 320** (300 on ocean—R.H.); sandpiper (sp.), 2500; Glaucous-winged Gull, 3; Western Gull, 109; Herring Gull, 2; California Gull, 38; Ring-billed Gull, 4711; Bonaparte's Gull, 71; Heermann's Gull, 39; Forster's Tern, 122; **Common Tern, 1** (all fields marks—D.B., P.E.); Royal Tern, 1; Mourning Dove, 548; Spotted Dove, 104; **Ground Dove, 3**; Roadrunner, 4; Barn Owl, 4; Burrowing Owl, 12; Short-eared Owl, 1; White-throated Swift, 31; Anna's Hummingbird, 80; Belted Kingfisher, 4; Red-shafted Flicker, 32; Downy Woodpecker, 1; Nuttall's Woodpecker, 1; Cassin's Kingbird, 7; Black Phoebe, 20; Say's Phoebe, 21; **empidonax flycatcher, 1** (thought to be Traill's); Horned Lark, 325; Scrub Jay, 18; Common Raven, 1; Common Crow, 434; Common Bushtit, 4; Wrentit, 8; Bewick's Wren, 18; Long-billed Marsh Wren, 3; Mockingbird, 41; Robin, 10; Hermit Thrush, 4; **Mountain Bluebird, 18** (2 parties); Blue-gray Gnatcatcher, 6; Ruby-crowned Kinglet, 15; Water Pipit, 2328; Loggerhead Shrike, 58; Hutton's Vireo, 1; Orange-crowned Warbler, 13; Audubon's Warbler, 615; Yellowthroat, 2; House Sparrow, 2458; Western Meadowlark, 534; Redwinged Blackbird, 4231; **Hooded Oriole, 5** (regular at feeders); Brewer's Blackbird, 1927; Brown-headed Cowbird, 80; Purple Finch, 1; House Finch, 5508; Am. Goldfinch, 451; Lesser Goldfinch, 9; Rufous-sided Towhee, 2; Brown Towhee, 50; Savannah Sparrow, 2374 (Belding's, 14); **Vesper Sparrow, 2** (J.J.); Oregon Junco, 19; White-crowned Sparrow, 1692; Song Sparrow, 219. **Total,** 133 species (1 additional race); about 78,080 individuals.—Priscilla Allen, George Ball, Mrs. Robert Ball, Robert Ball, Frances Barrett, Donald Bauman, Frank Brackett, Josephine Bull, Mrs. Lillian Crum, Nancy Crum, Richard Dahill, Susanna Dahill, John DeWitt, Elton Edge, Paul Engen, Toni Gach, Thomas Herbert, Richard Holmes, Mike Irwin, Esther Johnson, John Johnson, Orville Johnson, Velma Kochendorfer, Cebina Lane, Edna Marsden, Harry Marshall, Irving Meyer, Douglass Miller, David Parke, Louella Pierce, Vanche Plumb, Francis Raymond, Elizabeth Reeb, Dwight Roberts, Dorothy Roberts, Edith Sanford, Georgiana Sanford, Myrtle Sawyer, Gertrude Siptroth, Mabel Whiting, Alice Zimmerman, Fern Zimmerman (compiler) (Sea and Sage Audubon Society).

578. Orange County (northeastern), Calif. (all points within a 15-mile diameter circle, center at Bolero Lookout, including Lemon Heights, Irvine Park, O'Neill Park, Tucker Sanctuary, and Peter's, Santiago, Black Star, Silverado, Trabuco Canyons; fields 10%, grassland 30%, chaparral 40%, oak-sycamore woodland 20%).—Dec. 27; 8 a.m. to 7 p.m. Mostly sunny; temp. 46° to 65°; wind ENE, 2 m.p.h. Forty observers in 11 parties. Total party-hours, 83 (57 on foot, 19 by car, 7 by jeep); total party-miles, 218 (50 on foot, 138 by car, 30 by jeep). ► Horned Grebe, 6; Western Grebe, 1; Pied-billed Grebe, 21; Great Blue Heron, 5; Green Heron, 1; Snowy Egret, 35; Canada Goose, 2; Am. Widgeon, 7; **Ring-necked Duck, 2** (carefully identified); Canvasback, 4; Lesser Scaup, 32; Bufflehead, 1; Ruddy Duck, 552; Red-breasted Merganser, 4; Turkey Vulture, 45; White-tailed Kite, **10**; Sharp-shinned Hawk, 2; Cooper's Hawk, 4; Red-tailed Hawk, **87**; Red-shouldered Hawk, 20; **Rough-legged Hawk, 1** (by hawk expert J.H.); Golden Eagle, 3; Marsh

Hawk, 10; **Prairie Falcon, 2**; Peregrine Falcon, 1; **Pigeon Hawk, 1** (W.E.); Sparrow Hawk, 107; California Quail, 463; Ring-necked Pheasant, 13; **Common Gallinule, 1**; Am. Coot, 416; Killdeer, 21; **Common Snipe, 2** (4 observers); Spotted Sandpiper, 1; Least Sandpiper, 7; Dunlin, 13; Long-billed Dowitcher, 3; Western Sandpiper, 20; Bonaparte's Gull, 1; Band-tailed Pigeon, 78; Mourning Dove, 746; Spotted Dove, 5; Roadrunner, 8; Barn Owl, **16** (15 by J.H.); Screech Owl, 4; Great Horned Owl, 4; **Long-eared Owl, 3** (J.H.); Short-eared Owl, 1; White-throated Swift, 141; Anna's Hummingbird, 302; Belted Kingfisher, 1; Red-shafted Flicker, 147; Acorn Woodpecker, 448; Lewis' Woodpecker, 1; **Yellow-bellied Sapsucker, 7** (4 Red-naped); Nuttall's Woodpecker, 25; Cassin's Kingbird, **48**; Black Phoebe, 45; Say's Phoebe, 35; **empidonax flycatcher, 1** (thought to be Western); Horned Lark, 200; **Steller's Jay, 1** (in Mt. Pines—N.F., R.H.); Scrub Jay, 285; Common Raven, 77; Common Crow, 460; Mountain Chickadee, 10; Plain Titmouse, 110; Common Bushtit, 586; White-breasted Nuthatch, 1; Wrentit, 111; House Wren, 1; Bewick's Wren, 37; Cactus Wren, 2; Mockingbird, 74; California Thrasher, 24; Robin, 147; Hermit Thrush, 38; Western Bluebird, 64; **Townsend's Solitaire, 2** (N.F., R.H.); Blue-gray Gnatcatcher, 2; Ruby-crowned Kinglet, 93; Water Pipit, 46; Cedar Waxwing, 191; Loggerhead Shrike, 24; Orange-crowned Warbler, 7; Audubon's Warbler, 2868; House Sparrow, 160; Western Meadowlark, 282; Redwinged Blackbird, 7606; Tricolored Blackbird, 5; Brewer's Blackbird, 1767; Purple Finch, 15; House Finch, 2059; Am. Goldfinch, 339; Lesser Goldfinch, 451; Rufous-sided Towhee, 94; Brown Towhee, 887; Savannah Sparrow, 3; Lark Sparrow, 168; Rufous-crowned Sparrow, 17; **Slate-colored Junco, 1** (carefully identified); Oregon Junco, 484; White-crowned Sparrow, 1820; Golden-crowned Sparrow, 38; Fox Sparrow, 14; Song Sparrow, 82. **Total,** 106 species (1 additional race); about 25,746 individuals.—Priscilla Allen, Frances Barrett, Donald Bauman, Josephine Bull, Judith Chamberlain, Emily Connor, Lillian Crum, Nancy Crum, Richard Dahill, Susanna Dahill, Katherine Delaney, John DeWitt, William Emerson, Paul Engen, Norman Fleming, Ruth Fleming, Jerome Gach, Jack Hagan, Robert House, Betty Jacobsen, Esther Johnson, Orville Johnson, John Kochendorfer, Velma Kochendorfer, Arnold Lane, Mary Lehman, Harry Marshall, Ruth McGowan, Luella Pierce, Vanche Plumb, Francis Raymond, Edith Sanford, Georgiana Sanford, Myrtle Sawyer, Gertrude Siptroth, Robert Siptroth, Mrs. Claude Steen, Kenneth Tanksley, John Tiffany, Sue Tiffany, Anna Trythall, Mabel Whiting, Alice Zimmerman, Fern Zimmerman (compiler) (Sea and Sage Audubon Society).

579. Palo Alto, Calif. (all points within a 15-mile diameter circle, center at Junipero Serra Blvd. and Page Mill Rd., including Palo Alto, Menlo Park, Atherton, Mountain View, Los Altos, part of San Francisco Bay in vicinity of Dumbarton Bridge and Palo Alto Yatch Harbor, to crest of Santa Cruz Mts.; town and suburbs 30%, bay 7%, tidal marsh 13%, oak-chaparral 25%, pasture and rolling grassland 10%, orchard and farmland 10%, redwood forest 4%, fresh-water lakes 1%).—Jan. 3; 7:30 a.m. to 4:45 p.m. Clear; temp. 25° to 50°; wind up to 20 m.p.h.; dusting of snow above 2000 ft. Thirteen observers in 4 parties. Total party-hours, 26 (18 on foot, 8 by car); total party-miles, 95 (11 on foot, 84 by car). ► Horned Grebe, 2; Eared Grebe, 3; Western Grebe, 35; Pied-billed Grebe, 8; Double-crested Cormorant, 4; Great Blue Heron, 17; Common Egret, 3; Snowy Egret, 5; Black-crowned Night Heron, 3; Whistling Swan, 1 (apparently sick or injured); Mallard, 350; Pintail, 66; Am. Widgeon, 40; Shoveler, 12; Canvasback, 250; Greater Scaup, 50; Lesser Scaup, 25; scaup (sp.), 200+; Common Goldeneye, 8; Surf Scoter, 15; Ruddy Duck, 200; Turkey Vulture, 1; White-tailed Kite, 3; Cooper's Hawk, 1; Red-tailed Hawk, 15; Marsh Hawk, 2; Sparrow Hawk, 16; California Quail, 35; Ring-necked Pheasant, 5; Am. Coot, 1000+; Semipalmated Plover, 20; Snowy Plover, 6; Killdeer, 50; Black Turnstone, 2; Long-billed Curlew, 15; Willet, 800+; Greater Yellowlegs, 2; Least Sandpiper, 35; Dunlin, 20; Long-billed Dowitcher, 5; Western Sandpiper, 1000+; Marbled Godwit, 75; Sanderling, 95; Am. Avocet, 13; Glaucous-winged Gull, 10; Western Gull, 1; Herring Gull, 5; California Gull, 6; Ring-billed Gull, 250; Forster's Tern, 2; Mourning Dove, 56; Barn Owl, 1; Pygmy Owl, 1; Short-eared Owl, 3; Anna's Hummingbird, 14; Belted Kingfisher, 3; Red-shafted Flicker, 45; Acorn Woodpecker, 38; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 2; Downy Woodpecker, 1; Black Phoebe, 6; Say's Phoebe, 4; Steller's Jay, 24; Scrub Jay, 150; Chestnut-backed Chickadee, 33; Plain Titmouse, 13; Common Bushtit, 250; White-breasted Nuthatch, 5; Brown Creeper, 1; Wrentit, 10; Winter Wren, 2; Bewick's Wren, 10; Mockingbird, 13; California Thrasher, 8; Robin, 250; Hermit Thrush, 11; Western Bluebird, 2; Ruby-crowned Kinglet, 100; Water Pipit, 6; Cedar Waxwing, 76; Loggerhead Shrike, 5; Hutton's Vireo, 7; Myrtle Warbler, 2; Audubon's Warbler, 100; Townsend's Warbler, **30** (species seen by all 4 parties); **Hermit Warbler, 6** (carefully identified by 3 very competent observers); Yellowthroat, 1; House Sparrow, 600; Western Meadowlark, 65; Redwinged Blackbird, 75; Brewer's Blackbird, 800+; Purple Finch, 6; House Finch, 350+; Lesser Goldfinch, 41; Rufous-sided Towhee, 17; Brown Towhee, 150; Savannah Sparrow, 95; Oregon Junco, 350; White-crowned Sparrow, 500+; Golden-crowned Sparrow, 350; Fox Sparrow, 3; Lincoln's Sparrow, 10; Song Sparrow, 46. **Total,** 103 species; more than 9536 individuals. (Seen in area count period, but not on count day: Sharp-shinned Hawk, Red-shouldered Hawk, Screech Owl, Pine Siskin.)—Eliot Blackwelder, E. H. Bailey, Mable Crittenden, M. D. Crittenden, Jr., A. B. Griggs, D. W. Peterson, C. D. Rinehart, Sue Rinehart, R. J. Roberts, N. J. Silberling, David Smith, W. C. Smith, R. E. Wallace (compiler).

580. Pardee Reservoir, Calif. (all points within a 15-mile diameter circle, center at Pardee Reservoir, Calaveras County).—Dec. 30; 7 a.m. to 5:30 p.m. Fog and low clouds; temp. 29° to 55°; wind NW, 5 m.p.h. Three observers in 1 party. Total party-hours, 10½ (3 on foot, 7½ by car); total party-miles, 19 (3 on foot, 16 by car). ► Canada Goose, 66; **Wood Duck, 2**; Red-tailed Hawk, 1; Sparrow Hawk, 2; California Quail, 4; Ring-necked Pheasant, 2; Am. Coot, 88; Killdeer, 4; Red-shafted Flicker, 6; Acorn Wood-

pecker, 3; Nuttall's Woodpecker, 2; Scrub Jay, 6; Yellow-billed Magpie, 4; Bewick's Wren, 2; Mockingbird, 6; Robin, 32; Western Bluebird, 4; Western Meadowlark, 15; Redwinged Blackbird, 1; Brewer's Blackbird, 212; House Finch, 12; Savannah Sparrow, 26; Oregon Junco, 28; White-crowned Sparrow, 78; Golden-crowned Sparrow, 6; Song Sparrow, 2. **Total,** 26 species; about 614 individuals.—David Bergantz, Milton Bergantz (compiler), Robert Peters.

581. Pasadena–San Gabriel Valley, Calif. (all points within a 15-mile diameter circle, center ?).—Dec. 28; 3 a.m. to 6 p.m. Cloudy a.m., clear p.m.; temp. 48° to 60°; wind 0-5 m.p.h. Twenty-eight observers in 11 parties. Total party-hours, 96 (85 on foot, 11 by car); total party-miles, 188 (81 on foot, 107 by car). ► Pied-billed Grebe, 16; Great Blue Heron, 1; Green Heron, 2; Common Egret, 2; Snowy Egret, 1; Canada Goose, 2; White-fronted Goose, 3; Mallard, 125; Gadwall, 1; Pintail, 7; Am. Widgeon, 50; Shoveler, 13; Wood Duck, 1; Redhead, 7; Ring-necked Duck, 60; Canvasback, 15; Lesser Scaup, 4; Ruddy Duck, 137; White-tailed Kite, 3; Cooper's Hawk, 3; Red-tailed Hawk, 11; Red-shouldered Hawk, 5; Peregrine Falcon, 1; Sparrow Hawk, 23; California Quail, 72; Ring-necked Pheasant, 25; Sora, 1; Am. Coot, 2747; Killdeer, 118; Willet, 5; Greater Yellowlegs, 42; Short-billed Dowitcher, 29; Herring Gull, 4; California Gull, 4; Ring-billed Gull, 235; Band-tailed Pigeon, 106; Mourning Dove, 375; Spotted Dove, 49; Barn Owl, 3; Screech Owl, 1; Great Horned Owl, 8; Pygmy Owl, 1; Burrowing Owl, 1; Short-eared Owl, 3; Anna's Hummingbird, 52; Belted Kingfisher, 9; Red-shafted Flicker, 86; Acorn Woodpecker, 17; Hairy Woodpecker, 2; Downy Woodpecker, 7; Nuttall's Woodpecker, 4; White-headed Woodpecker, 1; Cassin's Kingbird, 2; Ash-throated Flycatcher, 1 [no details—Ed.]; Black Phoebe, 40; Say's Phoebe, 110; Violet-green Swallow, 4; Steller's Jay, 17; Scrub Jay, 90; Common Crow, 334; Mountain Chickadee, 39; Plain Titmouse, 20; Common Bushtit, 278; White-breasted Nuthatch, 4; Wrentit, 68; Dipper, 2; House Wren, 2; Bewick's Wren, 5; Long-billed Marsh Wren, 3; Cañon Wren, 13; Rock Wren, 1; Mockingbird, 88; California Thrasher, 5; Robin, 70; Hermit Thrush, 56; Townsend's Solitaire, 1; Blue-gray Gnatcatcher, 13; Ruby-crowned Kinglet, 38; Water Pipit, 168; Cedar Waxwing, 118; Loggerhead Shrike, 24; Starling, 10; Hutton's Vireo, 2; Orange-crowned Warbler, 1; Audubon's Warbler, 352; Yellowthroat, 19; Wilson's Warbler, 5 [no details—Ed.]; House Sparrow, 467; Western Meadowlark, 370; Redwinged Blackbird, 299; Brewer's Blackbird, 114; Cardinal, 3; Black-headed Grosbeak, 2 [no details—Ed.]; Purple Finch, 41; Cassin's Finch, 1; House Finch, 2240; Am. Goldfinch, 65; Lesser Goldfinch, 93; Rufous-sided Towhee, 36; Brown Towhee, 162; Savannah Sparrow, 60; Lark Sparrow, 53; Rufous-crowned Sparrow, 5; Sage Sparrow, 6; Oregon Junco, 413; Chipping Sparrow, 60; White-crowned Sparrow, 231; Golden-crowned Sparrow, 8; Fox Sparrow, 2; Song Sparrow, 147. **Total,** 110 species; about 11,381 individuals.—H. H. Benson, Mrs. H. H. Benson, Mrs. Doris K. Bullion, J. H. Comby, Mrs. J. H. Comby, Leona Draheim, William Goodall, Pat Gould, Paul Herman, Mrs. A. Peter Hughes, Mike Jacobsen, Robert Lewis, Louise A. Lukan, Mrs. F. N. Masemore (compiler), Flora McIntyre, Myra Mercer, Mrs. Ethel Noble, Margaret Otis, D. W. Powers, W. H. Prentice, W. Dan Quattlebaum, Mrs. Roberta Rumble, Richard Smith, Dennis Stelzriede, Dick Suter, Gary Taylor, David Thurber.

582. Redding, Calif. (all points within a 15-mile diameter circle, center 6 miles east of Redding; brushy semi-wooded hillsides 10%, park 5%, open river, gravel pits, lakes and fields 15%, farmland, pasture, ponds, creeks 50%, rolling grassland with oaks, pine, and chaparral 20%).—Jan. 3; 7 a.m. to 5:30 p.m. Clear; temp. 27° to 51°; wind N, 16 m.p.h.; winter open, unusually dry. Eight observers in 2 parties. Total party-hours, 19 (12 on foot, 7 by car); total party-miles, 40 (8 on foot, 32 by car). ► Eared Grebe, 1; Pied-billed Grebe, 1; Whistling Swan, 125; Canada Goose, 1200; White-fronted Goose, 34; Mallard, 37; Gadwall, 2; Pintail, 12; Green-winged Teal, 7; **Blue-winged Teal, 8**; Am. Widgeon, 175; Redhead, 20; Ring-necked Duck, 36; Canvasback, 25; Lesser Scaup, 38; Common Goldeneye, 300; Bufflehead, 50; Ruddy Duck, 102; Hooded Merganser, **50**; Red-breasted Merganser, 3 (males); Turkey Vulture, 14; Red-tailed Hawk, 1; Marsh Hawk, 1; Peregrine Falcon, 1; Sparrow Hawk, 20; California Quail, 72; Ring-necked Pheasant, 1; Am. Coot, 400; Killdeer, 45; Common Snipe, 3; Spotted Sandpiper, 1; Least Sandpiper, 2; Western Sandpiper, 3; Band-tailed Pigeon, 12; Mourning Dove, 250; **Pygmy Owl,** 1; Belted Kingfisher, 2; Red-shafted Flicker, 47; Acorn Woodpecker, 45; Lewis' Woodpecker, 35; Downy Woodpecker, 2; Nuttall's Woodpecker, 1; Black Phoebe, 1; Scrub Jay, 25; Yellow-billed Magpie, 320; Common Crow, 2; Plain Titmouse, 28; Common Bushtit, 12; White-breasted Nuthatch, 14; Wrentit, 3; Bewick's Wren, 1; California Thrasher, 4; Robin, 600; Hermit Thrush, 1; Swainson's Thrush, 1 [no details—Ed.]; Western Bluebird, 5; Ruby-crowned Kinglet, 13; Water Pipit, 25; Cedar Waxwing, 140; Starling, 1; Audubon's Warbler, 50; House Sparrow, 480; Western Meadowlark, 320; Redwinged Blackbird, 32; Brewer's Blackbird, 1450; House Finch, 6; Pine Siskin, 10; Lesser Goldfinch, 22; Rufous-sided Towhee, 27; Brown Towhee, 12; Savannah Sparrow, 174; Lark Sparrow, 9; Oregon Junco, 85; White-crowned Sparrow, 2000; Golden-crowned Sparrow, 19; Fox Sparrow, 1; Song Sparrow, 4. **Total,** 77 species; about 9082 individuals.—Warren Bailey, Mabel Frisbie, Edward Frisbie, William Kester, Cornelius Kuhn, Beatrice Nielsen (assistant compiler), Georg Nielsen, Robert Todd (compiler) (Mt. Lassen Bird Club).

583. Redlands, Calif. (all points within a 15-mile diameter circle, center in Mill Creek Canyon west of Redlands).—Dec. 29; 7 a.m. to 5:30 p.m.; temp. 37° to 67°; wind 0-4 m.p.h.; earlier snowfall largely gone. Fourteen observers in 8 parties. Total party-hours, 50 (10 on foot, 40 by car); total party-miles, 282 (17 on foot, 265 by car). ► Ring-necked Duck, 2; Lesser Scaup, 19; Cooper's Hawk, 2; Red-tailed Hawk, 8; Swainson's Hawk, 8; Golden Eagle, 2; Sparrow Hawk, 38; California Quail, 261; Killdeer, 14; Band-tailed Pigeon, 9; Mourning Dove, 6; Spotted Dove, 33; Roadrunner, 2; Great Horned Owl, 1; Anna's Hummingbird, 12; Red-shafted Flicker, 29;

Acorn Woodpecker, 93; Yellow-bellied Sapsucker, 4; Williamson's Sapsucker, 2; Hairy Woodpecker, 6; Downy Woodpecker, 1; Nuttall's Woodpecker, 13; White-headed Woodpecker, 4; **Western Kingbird, 1** (carefully identified—W.V.); **Ash-throated Flycatcher, 1** (carefully identified—W.V.); Black Phoebe, 3; Say's Phoebe, 8; Steller's Jay, 56; Scrub Jay, 108; Common Raven, 7; Common Crow, 58; Mountain Chickadee, 113; Plain Titmouse, 28; Common Bushtit, 167; White-breasted Nuthatch, 16; Red-breasted Nuthatch, 5; Pigmy Nuthatch, 34; Brown Creeper, 4; Wrentit, 17; **House Wren, 1**; Winter Wren, 1; Bewick's Wren, 4; Cactus Wren, 4; Rock Wren, 7; Mockingbird, 20; California Thrasher, 8; Robin, 8; Hermit Thrush, 12; **Swainson's Thrush, 2** (all field marks—W.V.); Western Bluebird, 213; Townsend's Solitaire, 14; Blue-gray Gnatcatcher, 2; Golden-crowned Kinglet, 2; Ruby-crowned Kinglet, 33; Cedar Waxwing, 24; Phainopepla, 5; Loggerhead Shrike, 17; Hutton's Vireo, 1; **Warbling Vireo, 1** [unsatisfactory details—Ed.]; **Black-and-white Warbler, 1** (carefully studied at few ft.—M.S. party); Orange-crowned Warbler, 3; Audubon's Warbler, 72; **Black-throated Gray Warbler, 1**; House Sparrow, 70; Western Meadowlark, 81; Brewer's Blackbird, 51; Purple Finch, 6; House Finch, 138; Pine Siskin, 243; Am. Goldfinch, 5; Lesser Goldfinch, 21; Lawrence's Goldfinch, 13; Rufous-sided Towhee, 27; Brown Towhee, 102; Lark Sparrow, 47; Rufous-crowned Sparrow, 1; Sage Sparrow, 19; Oregon Junco, 254; White-crowned Sparrow, 370; Golden-crowned Sparrow, 25; Song Sparrow, 9. **Total,** 81 species; about 3133 individuals.—Edna Badger, Roberta Cushing, Jeanne Goodman, John Goodman (compiler), Elizabeth Haskin, May Hess, Donald Kennedy, Lillian Kennedy, Mary Mahurin, Mary Liz Mangaoang, Mildred Smith, Mary Ann Trenery, Wilbur Vroman, Anne Wissler.

584. Sacramento, Calif. (all points within a 15-mile diameter circle, center at northwest corner of Sacramento Floodwater By-Pass Weir 1½ miles west of confluence of Sacramento and American Rivers; town and suburbs 35%, open fields 52%, riparian woodland 5%, marsh 3%, open water 5%).—Jan. 3; 6:30 a.m. to 10 p.m. Clear; temp. 27° to 52°; wind 10-25 m.p.h. Sixty-two observers in 21 parties. Total party-hours, 214 (100 on foot, 114 by car); total party-miles, 838 (112 on foot, 726 by car). ► Eared Grebe, 3; Pied-billed Grebe, 79; Great Blue Heron, 17; Green Heron, **10**; Common Egret, 15; **Least Bittern, 1** (positive); Am. Bittern, 3; Whistling Swan, **643**; Canada Goose, 3907 (3 races); White-fronted Goose, 1122; Snow Goose, 3070; Ross' Goose, 1; goose (sp.), 15,152; Mallard, 130; Gadwall, 1; Pintail, 1908; Green-winged Teal, 49; Cinnamon Teal, 3; Am. Widgeon, 178; Shoveler, 162; Wood Duck, 1; Ring-necked Duck, 29; Canvasback, 63; Lesser Scaup, 35; Bufflehead, 5; Ruddy Duck, **1540**; duck (sp.), 5878; Turkey Vulture, 3; White-tailed Kite, **38**; Sharp-shinned Hawk, 2; Cooper's Hawk, 7; Red-tailed Hawk, **245**; Red-shouldered Hawk, **13**; Swainson's Hawk, **5**; Rough-legged Hawk, **18** [no details—Ed.]; Ferruginous Hawk, 3; **Golden Eagle, 1**; Marsh Hawk, 173; Peregrine Falcon, 1; Sparrow Hawk, 490; hawk (sp.), 6; California Quail, **662**; Ring-necked Pheasant, 245; Common Gallinule, 8; Am. Coot, 2570; Killdeer, 3848; Mountain Plover, 35; Common Snipe, 27; Spotted Sandpiper, 1; Greater Yellowlegs, **67**; **Lesser Yellowlegs, 7**; Least Sandpiper, **195**; Dunlin, 67; Long-billed Dowitcher, 166; Western Sandpiper, 168; Am. Avocet, 11; Herring Gull, **53**; California Gull, **3055**; Ring-billed Gull, 279; Mew Gull, 22; gull (sp.), 1023; Mourning Dove, 709; Barn Owl, **50**; Screech Owl, 1; Great Horned Owl, 5; Burrowing Owl, 18; Short-eared Owl, **18**; Anna's Hummingbird, 3; hummingbird (sp.), 8; Belted Kingfisher, 13; Red-shafted Flicker, 695; Acorn Woodpecker, 79; Yellow-bellied Sapsucker, 1; Downy Woodpecker, 34; Nuttall's Woodpecker, 48; **Ash-throated Flycatcher, 1** (carefully identified—R.R.); Black Phoebe, 28; Say's Phoebe, 2; Horned Lark, 304; Scrub Jay, 429; Yellow-billed Magpie, 1717; Common Crow, 1014; Plain Titmouse, 51; Common Bushtit, 70; White-breasted Nuthatch, 14; Red-breasted Nuthatch, 1; Brown Creeper, 8; House Wren, 13; Winter Wren, 1; Bewick's Wren, 13; Long-billed Marsh Wren, 11; Rock Wren, **3**; Mockingbird, 52; Robin, **1455**; Hermit Thrush, 7; **Swainson's Thrush, 1** [no details—Ed.]; Western Bluebird, 2; Mountain Bluebird, 2; Blue-gray Gnatcatcher, 1; Golden-crowned Kinglet, 4; Ruby-crowned Kinglet, 283; Water Pipit, **9794**; Cedar Waxwing, 290; Loggerhead Shrike, 59; Starling, 557; Hutton's Vireo, **11**; Myrtle Warbler, **4**; Audubon's Warbler, **3832**; Yellowthroat, 2; House Sparrow, 2752; Western Meadowlark, 4197; Red-winged Blackbird, 762; Tricolored Blackbird, **50**; Brewer's Blackbird, 15,883; Brown-headed Cowbird, 12; House Finch, **5463**; Am. Goldfinch, **5901**; Lesser Goldfinch, **3277**; Rufous-sided Towhee, 121; Brown Towhee, 45; Savannah Sparrow, 3844; Vesper Sparrow, 12; Lark Sparrow, 152; Rufous-crowned Sparrow, **50** (studied at 15 ft.—R.R.); Oregon Junco, 1467; Chipping Sparrow, 4; White-crowned Sparrow, **17,348**; Golden-crowned Sparrow, 1972; White-throated Sparrow, 1; Fox Sparrow, 10; Lincoln's Sparrow, 5; Song Sparrow, 101. **Total,** 127 species; about 132,666 individuals. (Seen in area count period, but not on count day: Black-crowned Night Heron, Bald Eagle.)—A. J. Argante, Mrs. Willie Argante, Mrs. Berniece Baker, Mrs. Cora Baker, Clarence Barry, Mrs. Lucile Barry, Claudia Blake, Mrs. Georgia Borchert, Phillip Coleman, Jack Dennison, Mrs. Olivette Dennison, George Dobbins, Ben Eizinger, Mrs. Marie Eizinger, Steve Eizinger, Ben Ertel, Fred G. Evenden, Joyce Fetter, Donald Frye, Michael Frye, Marc Haney, Burgess Heacox (compiler), Joe Hebert, Grant Hutchinson, Mrs. Linda Hutchinson, Mrs. Ruby Hutchinson, Mrs. Muriel Kaminsky, Mrs. Betty Kimball, Dave Labhard, Mrs. Lucy Labhard, Ted Labhard, Howard Leach, Diane McKeller, Mrs. Alfrieda Meuser, Hal Michael, John Michael, Mrs. Helen Norbont, Edward Olsen, Mrs. Anita Penhale, Leonard Penhale, Roy Penhale, Mrs. Jean Pond, Wendell Pond, Rodney Reynolds, Mrs. Rodney Reynolds, Richard Safholm, Joanne Stonesifer, Victoria Sudsbury, Bruce Swinehart, Mrs. Genevieve Trousdale, James Wanzer, Mrs. Magdalene Wanzer, Mrs. Mildred Washburn, Mrs. Alice Williams, Elsie Williams, Mrs. Effie Yeaw.

585. San Bernardino, Calif. (all points within a 15-mile diameter circle, center near Inland Lake, including Warm Creek Wildlife Refuge, Santa Ana

River wash, foothills of Del Rosa and San Bernardino; pond and cattail marshes 10%, deciduous woods 25%, chaparral 40%, pasture 10%, suburbs and roadsides 15%).—Dec. 27; 6:15 a.m. to 5:45 p.m. Clear; temp. 27° to 71°; wind 0-30 m.p.h.; no fall rains, very dry. Twenty observers in 8 parties. Total party-hours, 49 (15 on foot, 34 by car); total party-miles, 187 (23 on foot, 164 by car). ► Pied-billed Grebe, 1; Mallard, 1; Green-winged Teal, 9; Am. Widgeon, 1; Shoveler, 6; Ruddy Duck, 3; Sharp-shinned Hawk, 3; Cooper's Hawk, 3; Red-tailed Hawk, 8; Red-shouldered Hawk, 1; Marsh Hawk, 1; **Peregrine Falcon, 1** (3 observers); Sparrow Hawk, 35; California Quail, 193; Ring-necked Pheasant, 1; Am. Coot, 18; Killdeer, **90**; Common Snipe, 10; Spotted Sandpiper, 1; Least Sandpiper, 3; Mourning Dove, **133**; Spotted Dove, 137; **Ground Dove, 3** (close study); Roadrunner, 7; Barn Owl, 1; Screech Owl, 2; **Pygmy Owl, 1** (all field marks at 10 ft.!); **Poor-will, 1** (hibernating on porch); **White-throated Swift, 7**; **Black-chinned Hummingbird, 4** (at feeder weeks—D.L.); **Costa's Hummingbird, 1** (seen well at feeder—L.A.); Anna's Hummingbird, 69; **Allen's Hummingbird, 5** (regular at feeders); Red-shafted Flicker, 41; Acorn Woodpecker, 1; Downy Woodpecker, 1; Nuttall's Woodpecker, 3; Black Phoebe, 10; Say's Phoebe, 10; Steller's Jay, 14; Scrub Jay, 64; Common Raven, 6; Common Crow, 482; Mountain Chickadee, 29; Plain Titmouse, 6; Common Bushtit, 111; White-breasted Nuthatch, 4; Wrentit, 21; Bewick's Wren, 23; Long-billed Marsh Wren, 3; Rock Wren, 1; Mockingbird, 68; California Thrasher, 23; Robin, 59; Hermit Thrush, 17; Western Bluebird, 55; **Townsend's Solitaire, 1** (regular at feeder); Blue-gray Gnatcatcher, 8; Ruby-crowned Kinglet, 66; Water Pipit, 101; Cedar Waxwing, 143; Loggerhead Shrike, 17; **Myrtle Warbler, 2**; Audubon's Warbler, 155; Yellowthroat, 3; House Sparrow, 320; Western Meadowlark, 119; **Yellow-headed Blackbird, 2** (males); Redwinged Blackbird, 48; Tricolored Blackbird, 1; Brewer's Blackbird, 5130; Brown-headed Cowbird, 3; Purple Finch, 3; House Finch, 552; Am. Goldfinch, 44; Lesser Goldfinch, 136; Lawrence's Goldfinch, **47**; Rufous-sided Towhee, 11; Brown Towhee, 124; Savannah Sparrow, 90; Lark Sparrow, 26; Rufous-crowned Sparrow, 3; Sage Sparrow, 3; Oregon Junco, 164; **Gray-headed Junco, 1** (carefully identified by 2 observers); Chipping Sparrow, 86; White-crowned Sparrow, 1443; Golden-crowned Sparrow, 45; Fox Sparrow, 2; Song Sparrow, 42. **Total,** 90 species; about 10,753 individuals.—Mrs. Lucile Abbott, Beatrice Forrest, Mrs. Helen Geeslin, Mrs. May Hess, Winnifred Howard, Mrs. Dorothy Lynn, Mildred Smith, Mrs. Helen Stewart, Danny Sumlin, Mrs. Glenn Vaughn, Charles F. West, Mrs. Ethel West (compiler), Merle J. Whitney, Mrs. Ann E. Wissler (San Bernardino Audubon Society).

586. San Diego, Calif. (all points within a 15-mile diameter circle, center at 30th St. and Ocean View Blvd.; ocean and rocky shores 10%, tide flats 11%, salt-water bays 17%, salt marshes 13%, fresh-water reservoirs and ponds 11%, open brushland 10%, dry brushy and rocky canyons 9%, willow stands along streams 2%, oak groves 1%, city parks 10%, suburban areas and backyards 6%).—Jan. 3; 7 a.m. to 5 p.m. Clear; temp. **38°** to 59°; wind W, 5-25 m.p.h.; coldest day since 1949! Thirty-three observers in 13 parties. Total party-hours, 115 (75 on foot, 33 by car, 7 by boat); total party-miles, 275 (60 on foot, 155 by car, 60 by boat). ► Common Loon, 18; Arctic Loon, 9; Red-throated Loon, 9; **Red-necked Grebe, 1** (J.B.); Horned Grebe, 59; Eared Grebe, 187; Western Grebe, 1370; Pied-billed Grebe, 30; White Pelican, 20; Brown Pelican, 81; Double-crested Cormorant, 562; Brandt's Cormorant, 7; Pelagic Cormorant, 2666; Great Blue Heron, 41; Green Heron, 6; Common Egret, 52; Snowy Egret, 39; Black-crowned Night Heron, 10; Canada Goose, 10; Black Brant, 391; Mallard, 4; Pintail, 256; Green-winged Teal, 95; Cinnamon Teal, 8; Am. Widgeon, 56; Shoveler, 38; Ring-necked Duck, 9; Canvasback, 11; Greater Scaup, 1; Lesser Scaup, 945; Common Goldeneye, 35; Bufflehead, 112; **Oldsquaw, 5** (seen well, with scoters); White-winged Scoter, **2000**; Surf Scoter, 11,119; Common Scoter, 4; Ruddy Duck, 1469; Common Merganser, 1; Red-breasted Merganser, 52; White-tailed Kite, 1; Red-tailed Hawk, 24; Red-shouldered Hawk, 2; Golden Eagle, 1; Marsh Hawk, 7; Peregrine Falcon, 1; Pigeon Hawk, 2; Sparrow Hawk, 54; California Quail, 96; Sora, 1; Common Gallinule, 4; Am. Coot, 281; Semipalmated Plover, 20; Snowy Plover, 3; Killdeer, 207; Black-bellied Plover, 185; Surfbird, 3; Ruddy Turnstone, 20; Black Turnstone, 76; Common Snipe, 22; Long-billed Curlew, 24; Whimbrel, 15; Spotted Sandpiper, 7; **Wandering Tattler, 1** (all field marks); Willet, 997; Greater Yellowlegs, 5; Knot, 4; Least Sandpiper, 255; Dunlin, 758; Long-billed Dowitcher, 496; Western Sandpiper, 1790; Marbled Godwit, 616; Sanderling, 210; Am. Avocet, 112; Black-necked Stilt, 12; Red Phalarope, 3; **Wilson's Phalarope, 1** (studied carefully at 15 ft.—J.B.); Northern Phalarope, **128**; Glaucous-winged Gull, 4; Western Gull, 2114; Herring Gull, 49; California Gull, 24; Ring-billed Gull, 1882; Mew Gull, 2; Bonaparte's Gull, 72; Heermann's Gull, 21; Forster's Tern, 62; Royal Tern, 1; Caspian Tern, **12**; **Band-tailed Pigeon, 1**; Mourning Dove, 325; Spotted Dove, 7; Roadrunner, 3; Burrowing Owl, 2; **Vaux's Swift, 2** (carefully identified—C.T.); White-throated Swift, 85; Black-chinned Hummingbird, 5; **Costa's Hummingbird, 3**; Anna's Hummingbird, 103; Belted Kingfisher, 8; Red-shafted Flicker, 30; Yellow-bellied Sapsucker, 4; **Western Kingbird, 2** (carefully identified); Black Phoebe, 34; Say's Phoebe, 16; **Vermilion Flycatcher, 2** (present all week); Horned Lark, 4; Violet-green Swallow, 20; Tree Swallow, **256**; Scrub Jay, 20; Common Raven, 2; Common Crow, 6; Common Bushtit, 115; Wrentit, 49; House Wren, 2; Bewick's Wren, **1**; Long-billed Marsh Wren, 5; Cañon Wren, 1; Rock Wren, 1; Mockingbird, 115; California Thrasher, 18; Robin, 32; Hermit Thrush, 49; **Swainson's Thrush, 1** (carefully identified); Western Bluebird, 24; Blue-gray Gnatcatcher, 15; Ruby-crowned Kinglet, 42; Water Pipit, 79; Cedar Waxwing, 184; **Phainopepla, 2**; Loggerhead Shrike, 24; Orange-crowned Warbler, 2; **Myrtle Warbler, 2**; Audubon's Warbler, 663; Yellowthroat, 10; **Am. Redstart, 1** (male—C.T.); House Sparrow, 511; Western Meadowlark, 67; Yellow-headed Blackbird, 10; Redwinged Blackbird, 929; Tricolored Blackbird, 100; **Hooded Oriole, 1**; Brewer's Blackbird, 280; **Western Tan-**

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ager, 1 (male—L.G.); Purple Finch, 9; House Finch, 641; Am. Goldfinch, 3; Lesser Goldfinch, 67; Lawrence's Goldfinch, 2; **Green-tailed Towhee, 2** (at feeder 2 months); Rufous-sided Towhee, 7; Brown Towhee, 138; Savannah Sparrow, 38; Lark Sparrow, 14; Rufous-crowned Sparrow, 2; Sage Sparrow, 2; Oregon Junco, 73; Chipping Sparrow, 21; **Brewer's Sparrow, 40** (carefully identified by experienced observers); White-crowned Sparrow, 926; Golden-crowned Sparrow, 2; Fox Sparrow, 3; Lincoln's Sparrow, 2; Song Sparrow, 36. **Total,** 163 species; about 38,789 individuals.—Agnes Behrens, John Bishop (compiler), Marilyn Bishop, Dick Brown, Ethel Brown, Tom Brown, James E. Crouch, Edith Curry, Leon L. Gardner, Scott Goodfellow, Jr., Evangeline M. Greig, James M. Greig, Eleanor B. Hamilton, Anne Hurst, Al Kyte, Margaret R. Leavitt, Andrew Olson, Harriet Popejoy, Minta Robinson, Boyd Robinson, Earl Sanders, Harriet Snyder, Dick Woodward.

587. San Fernando Valley, Calif. (all points within a 15-mile diameter circle, center at Nordhoff and Balboa Sts.; from the Santa Monica Mts. to the Santa Susannas, from Chatsworth Reservoir to Hansen Dam; wooded hills 35%, reservoirs and ponds, 27%, cemetery and parks 18%, canyons 15%, roadside 5%). —Dec. 27; 8 a.m. to 5 p.m. Mostly clear; temp. 34° to 60°; wind 5-40 m.p.h. Fourteen observers in 5 parties. Total party-hours, 41 (34 on foot, 7 by car); total party-miles, 233 (23 on foot, 210 by car). ► Pied-billed Grebe, 20; Double-crested Cormorant, 8; Great Blue Heron, 10; Green Heron, 2; Common Egret, 3; Snowy Egret, 1; Black-crowned Night Heron, 5; Canada Goose, 535; White-fronted Goose, 2; Snow Goose, 4; Mallard, 92; Pintail, 23; Green-winged Teal, 4; Am. Widgeon, 81; Shoveler, 8; Redhead, 9; Ring-necked Duck, 2; Canvasback, 11; Lesser Scaup, 181; Bufflehead, 9; Ruddy Duck, 169; Red-breasted Merganser, 8; Sharp-shinned Hawk, 1; Cooper's Hawk, 3; Red-tailed Hawk, 13; Marsh Hawk, 6; Pigeon Hawk, 1; Sparrow Hawk, 35; California Quail, 141; Am. Coot, 252; Killdeer, 26; Common Snipe, 1; Whimbrel, 1; Spotted Sandpiper, 1; Least Sandpiper, 10; Dunlin, 6; Long-billed Dowitcher, 9; Western Sandpiper, 3; Sanderling, 2; Herring Gull, 5; Ring-billed Gull, 193; **Common Tern, 1** (carefully identified); Band-tailed Pigeon, 10; Mourning Dove, 181; Spotted Dove, 18; White-throated Swift, 30; Anna's Hummingbird, 31; Belted Kingfisher, 2; Red-shafted Flicker, 28; Acorn Woodpecker, 18; Yellow-bellied Sapsucker, 2; Downy Woodpecker, 3; Cassin's Kingbird, 21; Black Phoebe, 7; Say's Phoebe, 15; Horned Lark, 19; Scrub Jay, 52; Common Raven, 2; Common Crow, 564; Plain Titmouse, 5; Common Bushtit, 80; Brown Creeper, 1; Wrentit, 10; **Winter Wren, 2**; Bewick's Wren, 7; Rock Wren, 4; Mockingbird, 83; California Thrasher, 8; Robin, 468; Hermit Thrush, 17; Western Bluebird, 12; Blue-gray Gnatcatcher, 1; Ruby-crowned Kinglet, 63; Water Pipit, 268; Cedar Waxwing, 86; Loggerhead Shrike, 14; Audubon's Warbler, 453; Yellowthroat, 2; House Sparrow, 230; Western Meadowlark, 67; Redwinged Blackbird, 116; Brewer's Blackbird, 205; Brown-headed Cowbird, 38; House Finch, 990; Am. Goldfinch, 44; Lesser Goldfinch, 7; Rufous-sided Towhee, 18; Brown Towhee, 31; Savannah Sparrow, 100; Lark Sparrow, 208; Sage Sparrow, 1; Oregon Junco, 217; White-crowned Sparrow, 500; Golden-crowned Sparrow, 12; Fox Sparrow, 3; Song Sparrow, 32. **Total,** 96 species; about 7303 individuals.—Harry B. Anderson, Isabella M. Bright, Frances Brockmeier, Barbara Hopper, John Hopper, Mr. and Mrs. William Kaup, Arthur Langton, Arthur Langton, Jr., Irene Langton, William Lofthouse, Al Metzler, Esther O. Smith, Clara S. Weedmark (compiler).

588. San Francisco, Calif. (all points within a 15-mile diameter circle, center at Masonic Ave. and Fulton St.).—Dec. 27; 8 a.m. to 5 p.m. Overcast; temp. 48° to 56°; wind variable, 5-20 m.p.h. Forty observers in 15 parties. Total party-hours, 106 (96 on foot, 10 by car); total party-miles, 127 (59 on foot, 68 by car). ► Red-throated Loon, 2; Horned Grebe, 2; Eared Grebe, 93; Western Grebe, 691; Pied-billed Grebe, 132; Brown Pelican, 15; Double-crested Cormorant, 24; Brandt's Cormorant, 349; Pelagic Cormorant, 22; Great Blue Heron, 1; Green Heron, 4; Common Egret, 1; Canada Goose, 3; Mallard, 342; Pintail, 18; Green-winged Teal, 1; Am. Widgeon, 824; Shoveler, 39; Ring-necked Duck, 29; Canvasback, 116; Greater Scaup, 2; Lesser Scaup, 75; Common Goldeneye, 8; Bufflehead, 20; White-winged Scoter, 610; Surf Scoter, 246; Common Scoter, 4; Ruddy Duck, 1109; Hooded Merganser, 1; Red-breasted Merganser, 9; Turkey Vulture, 2; Cooper's Hawk, 1; Red-tailed Hawk, 14; Osprey, 1 [no details —Ed.]; Sparrow Hawk, 28; California Quail, 217; Virginia Rail, 1; Am. Coot, 1238; Snowy Plover, 19; Killdeer, 340; Black-bellied Plover, 5; Surfbird, 5; Ruddy Turnstone, 2; Black Turnstone, 14; Long-billed Curlew, 5; Willet, 173; Least Sandpiper, 15; Dunlin, 6; Short-billed Dowitcher, 4; Western Sandpiper, 354; Marbled Godwit, 3; Sanderling, 604; Am. Avocet, 75; Northern Phalarope, 2; Glaucous-winged Gull, 515; Western Gull, 1445; Herring Gull, 116; California Gull, 2049; Ring-billed Gull, 254; Mew Gull, 2682; Bonaparte's Gull, 75; Forster's Tern, 35; Mourning Dove, 151; Anna's Hummingbird, 219; **Allen's Hummingbird, 2**; Belted Kingfisher, 5; Red-shafted Flicker, 75; Yellow-bellied Sapsucker, 3; Downy Woodpecker, 10; Black Phoebe, 46; Say's Phoebe, 3; Steller's Jay, 3; Scrub Jay, 34; Common Raven, 10; Common Crow, 8; Chestnut-backed Chickadee, 56; Common Bushtit, 27; Red-breasted Nuthatch, 29; Brown Creeper, 5; Wrentit, 24; Winter Wren, 12; Bewick's Wren, 9; Long-billed Marsh Wren, 4; Mockingbird, 3; Robin, 1829; Varied Thrush, 7; Hermit Thrush, 73; Western Bluebird, 16; Ruby-crowned Kinglet, 29; Water Pipit, 183; Cedar Waxwing, 140; Loggerhead Shrike, 19; Starling, 1; Hutton's Vireo, 10; Orange-crowned Warbler, 3; Myrtle Warbler, 1; Audubon's Warbler, 265; Townsend's Warbler, 1; Yellowthroat, 16; House Sparrow, 368; Western Meadowlark, 80; Redwinged Blackbird, 260; Tricolored Blackbird, 20; Brewer's Blackbird, 808; Purple Finch, 3; House Finch, 408; Pine Siskin, 3; Am. Goldfinch, 10; Lesser Goldfinch, 70; Rufous-sided Towhee, 27; Brown Towhee, 14; Savannah Sparrow, 1; Oregon Junco, 717; White-crowned Sparrow, 1275; Golden-crowned Sparrow, 206; White-throated Sparrow, 1; Fox Sparrow, 149; Song Sparrow, 231. **Total,** 118 species; about 23,073 individuals.

—A. E. Albertson, Leslie Bartow, Tyra C. Bartow, Sadie Bozant, Myra Browne, Herold Connon, Betsey D. Cutler, Charles Durrie, Martha Durrie, Norman Fitzwater, Bud Fry, Erline Havel, L. Richard Leinbach, Mary Leinbach, Elizabeth S. Lennon, Roberta J. Long, Marie Mans, Hans Meinhardt, Natalie Mestechen, Agnes Oczkewecz, Thomas A. Oczkewecz, Harold Peterson, Aileen Pierson (compiler), Florence Plymell, James Rosso, Jessie L. Saunders, Mrs. Otis H. Smith, Bruce Towle, Patricia Triggs.

589. San Jose, Calif. (all points within a 15-mile diameter circle, center at Capitol Ave. and Maybury Rd.; grassland and pasture 28%, canyon stream 26%, deciduous orchard 19%, salt-water marsh 6%, oak woodland 5%, formal parks 4%, fresh-water ponds and lakes 4%, chaparral 4%, cultivated croplands 3%, town suburbs 1%).—Jan. 3; 7:30 a.m. to 4:30 p.m. Clear; temp. 28° to 55°; wind NW, 5-15 m.p.h.; warm dry season, first cool spell 3 days old. Forty-five observers in 14 parties. Total party-hours, 97 (53 on foot, 44 by car); total party-miles, 338 (56 on foot, 282 by car). ► Horned Grebe, 1; Eared Grebe, 2403; Pied-billed Grebe, 4; grebe (sp.), 300; White Pelican, 96; Great Blue Heron, 2; Canada Goose, 615; Snow Goose, 2; Mallard, 31; Pintail, 156; Green-winged Teal, 49; **Blue-winged Teal, 2**; Am. Widgeon, 90; Shoveler, 2301; Wood Duck, 9; Ring-necked Duck, 28; Canvasback, 36; Lesser Scaup, 1; Common Goldeneye, 13; Ruddy Duck, 1061; **Common Merganser, 32**; Red-breasted Merganser, 31; duck (sp.), 35; Turkey Vulture, 3; White-tailed Kite, 9; Sharp-shinned Hawk, 3; Cooper's Hawk, 3; Red-tailed Hawk, 46; Golden Eagle, 7; Marsh Hawk, 3; Sparrow Hawk, 48; hawk (sp.), 3; California Quail, 280; Ring-necked Pheasant, 1; Virginia Rail, 1; Am. Coot, 783; Killdeer, 183; Black-bellied Plover, 10; Common Snipe, 23; Long-billed Curlew, 41; Spotted Sandpiper, 14; Willet, 34; Greater Yellowlegs, 11; Least Sandpiper, 84; Dunlin, 102; dowitcher (sp.), 341; Western Sandpiper, 26; Am. Avocet, 68; Glaucous-winged Gull, 9; Western Gull, 3; Herring Gull, 2500; California Gull, 13; Ring-billed Gull, 1755; Bonaparte's Gull, 2800; gull (sp.), 10,005; Band-tailed Pigeon, 22; Mourning Dove, 32; **Roadrunner, 1**; Barn Owl, 1; Great Horned Owl, 1; Burrowing Owl, 5; Short-eared Owl, 2; White-throated Swift, 3; Anna's Hummingbird, 30; Belted Kingfisher, 13; Red-shafted Flicker, 161; Acorn Woodpecker, 63; Yellow-bellied Sapsucker, 10; Hairy Woodpecker, 2; Downy Woodpecker, 9; Nuttall's Woodpecker, 17; **empidonax flycatcher, 1** (probably Western); Black Phoebe, 45; Say's Phoebe, 17; Horned Lark, 38; Steller's Jay, 126; Scrub Jay, 219; Yellow-billed Magpie, 88; Common Crow, 367; Chestnut-backed Chickadee, 100; Plain Titmouse, 69; Common Bushtit, 592; White-breasted Nuthatch, 29; Brown Creeper, 2; Wrentit, 18; Dipper, 5; **House Wren, 2**; Winter Wren, 2; Bewick's Wren, 33; Cañon Wren, 8; Rock Wren, 4; Mockingbird, 92; California Thrasher, 14; Robin, 1602; Varied Thrush, 10; Hermit Thrush, 95; Western Bluebird, 98; **Mountain Bluebird, 23**; Ruby-crowned Kinglet, 184; Water Pipit, 258; Cedar Waxwing, 57; Loggerhead Shrike, 60; Starling, 98; Hutton's Vireo, 3; Orange-crowned Warbler, 1; **Myrtle Warbler, 9**; Audubon's Warbler, 624; **Wilson's Warbler, 1**; House Sparrow, 484; Western Meadowlark, 509; Redwinged Blackbird, 415; Tricolored Blackbird, 1; Brewer's Blackbird, 2872; Purple Finch, 38; House Finch, 1188; Am. Goldfinch, 305; Lesser Goldfinch, 1196; Lawrence's Goldfinch, 3; Rufous-sided Towhee, 48; Brown Towhee, 243; Savannah Sparrow, 164; Lark Sparrow, 335; Rufous-crowned Sparrow, 9; Oregon Junco, 921; White-crowned Sparrow, 2470; Golden-crowned Sparrow, 1551; White-throated Sparrow, 1; Fox Sparrow, 9; Song Sparrow, 51. **Total,** 125 species; about 44,689 individuals.—Virginia Bothwell, Grace Brubaker, Karen Brubaker, Neil Dickinson, Florence Durfee, R. L. Fuller, D. J. Giroux, Mrs. J. M. Giroux, Phil Gordon, H. Thomas Harvey, Mildred King, Bill Kirsher, Celeste Kirsher, Will Luick, James McCammon, Mrs. Eva McRae, L. Richard Newaldt (compiler), William T. Newaldt, Harliss Moser, Nettie Moser, Bob Nevis, Ann Peterson, Homer Peterson, Bernice Pillow, William Pillow, Mr. and Mrs. Clyde Prusman, Donald Schmoldt, Mrs. C. D. Shane, Les Sleeper, Nel Sleeper, Emily Smith, Mrs. D. W. Snow, Mr. and Mrs. E. Taylor, Mr. and Mrs. Warren Turner, Henry G. Weston, Edith Wirtanen, Herbert Wittgenstein, Nanette Wittgenstein, Bob Wood, Al Wool, Mr. and Mrs. C. J. Zwaal (Santa Clara Valley Audubon Society).

590. Santa Cruz County (eastern), Calif. (all points within a 15-mile diameter circle, center Larkin Valley School on Larkin Valley Road 1 mile northwest of intersection with Buena Vista Drive; beach 10%, fields 20%, oak woodlands 10%, orchards 20%, lakes and ponds 30%, urban 10%).—Jan. 2; 8 a.m. to 4:30 p.m.; temp. 24° to 58°; no wind; abnormally cold, frost and ice all day in shaded spots. Twelve observers in 4 parties. Total party-hours, 32 (20 on foot, 12 by car); total party-miles, 146 (16 on foot, 130 by car). ► Common Loon, 3; Red-throated Loon, 1; Western Grebe, 13; Pied-billed Grebe, 6; Brandt's Cormorant, 27; Pelagic Cormorant, 3; Mallard, 3; Green-winged Teal, 35; Cinnamon Teal, 8; Am. Widgeon, 1; Ring-necked Duck, 1; Canvasback, 27; Bufflehead, 6; White-winged Scoter, 8; Surf Scoter, 187; Common Scoter, 15; Ruddy Duck, 97; Sharp-shinned Hawk, 2; Red-tailed Hawk, 1; Marsh Hawk, 1; Sparrow Hawk, 22; California Quail, 355; Ring-necked Pheasant, 4; Common Gallinule, 4; Am. Coot, 350; Snowy Plover, 2; Killdeer, 71; Black Turnstone, 15; Willet, 39; Least Sandpiper, 11; Western Sandpiper, 1; Marbled Godwit, 17; Sanderling, 287; Western Gull, 4; Herring Gull, 23; California Gull, 91; Ring-billed Gull, 67; Mew Gull, 40; Heermann's Gull, 27; Band-tailed Pigeon, 8; Mourning Dove, 8; Great Horned Owl, 1; Anna's Hummingbird, 19; Belted Kingfisher, 3; Red-shafted Flicker, 34; Acorn Woodpecker, 22; Yellow-bellied Sapsucker, 5; Hairy Woodpecker, 3; Downy Woodpecker, 11; Black Phoebe, 8; Tree Swallow, 6; Steller's Jay, 2; Scrub Jay, 58; Chestnut-backed Chickadee, 66; Plain Titmouse, 1; Common Bushtit, 144; Pigmy Nuthatch, 35; Brown Creeper, 1; Wrentit, 29; Winter Wren, 2; Bewick's Wren, 7; Long-billed Marsh Wren, 3; Mockingbird, 15; Robin, **2500+**; Hermit Thrush, 24; Western Bluebird, 6; Golden-crowned Kinglet, 1; Ruby-crowned Kinglet, 37; Water Pipit, 50; Cedar Waxwing, 90; Loggerhead Shrike, 4; Hutton's Vireo, 4;

Orange-crowned Warbler, 5; Myrtle Warbler, 9; Audubon's Warbler, 61; Townsend's Warbler, 5; Yellowthroat, 1; **Wilson's Warbler, 1**; House Sparrow, 55; Western Meadowlark, 101; Redwinged Blackbird, 23; Brewer's Blackbird, 429; Purple Finch, 3; House Finch, 293; **Pine Grosbeak, 1** (regular at feeder); Am. Goldfinch, 23; Lesser Goldfinch, 438; Rufous-sided Towhee, 7; Brown Towhee, 101; Savannah Sparrow, 49; Oregon Junco, 204; White-crowned Sparrow, 278; Golden-crowned Sparrow, 443; **White-throated Sparrow, 2** (regular at feeders); Fox Sparrow, 37; Song Sparrow, 48. **Total,** 96 species; about 7699 individuals. (Seen in area count period, but not on count day: White-tailed Kite, Barn Owl.)—Charles Anderson, Viola Anderson, Florence Haas, Claude Hooper, Jessie Hooper (compiler), Dorothy Hunt, H. Ray Hunt, James Rogers, Josephine Rogers, Harry R. Smith, Mabel Terry, Elsie Wood (Santa Cruz Bird Club).

591. Santa Cruz County (western), Calif. (all points within a 15-mile diameter circle, center at old entrance to Henry Cowell State Park, Highway 9; beaches and lagoons 25%, fresh-water ponds and river 30%, woodland, fields and pastures 30%, urban 10%, pine forest 5%).—Dec. 27; 7:30 a.m. to 4:30 p.m. Clear; temp. 28° to 60°; no wind. Fifteen observers in 4 parties. Total party-hours, 32 (17 on foot, 15 by car); total party-miles, 132 (21 on foot, 111 by car). ► Common Loon, 1; Red-throated Loon, 1; Horned Grebe, 7; Eared Grebe, 4; Western Grebe, 78; Pied-billed Grebe, 6; Brown Pelican, 5; Double-crested Cormorant, 17; Brandt's Cormorant, 48; Pelagic Cormorant, 6; Great Blue Heron, 1; Green Heron, 1; Mallard, 218; Pintail, 55; Green-winged Teal, 9; Shoveler, 104; Wood Duck, 11; Redhead, 17; Canvasback, 106; Lesser Scaup, 6; Bufflehead, 50; White-winged Scoter, 2; Surf Scoter, 600+; Ruddy Duck, 51; Sharp-shinned Hawk, 2; Cooper's Hawk, 2; Red-tailed Hawk, 4; Sparrow Hawk, 15; California Quail, 147; Ring-necked Pheasant, 5; Am. Coot, 788; Killdeer, 43; Black Turnstone, 19; Common Snipe, 55; Whimbrel, 1; Spotted Sandpiper, 3; Willet, 109; Greater Yellowlegs, 1; Long-billed Dowitcher, 7; Marbled Godwit, 13; Sanderling, 121; Glaucous-winged Gull, 7; Western Gull, 378; Herring Gull, 2; California Gull, 55; Ring-billed Gull, 164; Mew Gull, 2; Bonaparte's Gull, 5; Heermann's Gull, 204; Band-tailed Pigeon, 1; Mourning Dove, 14; Anna's Hummingbird, 23; Belted Kingfisher, 3; Red-shafted Flicker, 25; Acorn Woodpecker, 33; Yellow-bellied Sapsucker, 2; Hairy Woodpecker, 1; Downy Woodpecker, 1; Black Phoebe, 13; Say's Phoebe, 2; Steller's Jay, 19; Scrub Jay, 42; Chestnut-backed Chickadee, 69; Plain Titmouse, 12; Common Bushtit, 58; Pigmy Nuthatch, 15; Brown Creeper, 5; Wrentit, 14; House Wren, 1; Winter Wren, 4; Bewick's Wren, 10; Long-billed Marsh Wren, 1; Mockingbird, 13; Robin, **1548+**; Varied Thrush, 1; Hermit Thrush, 10; Western Bluebird, 36; Ruby-crowned Kinglet, 22; Water Pipit, 8; Cedar Waxwing, 296; Loggerhead Shrike, 2; Audubon's Warbler, 95; Townsend's Warbler, 2; Yellowthroat, 3; House Sparrow, 53; Western Meadowlark, 220; Redwinged Blackbird, 33; Tricolored Blackbird, 4; Brewer's Blackbird, 485; Purple Finch, 17; House Finch, 741; Pine Siskin, 25; Am. Goldfinch, 41; Lesser Goldfinch, 21; Rufous-sided Towhee, 6; Brown Towhee, 91; Savannah Sparrow, 25; **Grasshopper Sparrow, 8** (carefully identified—H.W., V.W.); Lark Sparrow, 4; Oregon Junco, 185; **Harris' Sparrow, 5** (seen well—L.M.; 1 banded Jan. 1—H.S.); White-crowned Sparrow, 157; Golden-crowned Sparrow, 624; **White-throated Sparrow, 3** (regular at feeders); Fox Sparrow, 22; Song Sparrow, 30. **Total,** 106 species; about 8760 individuals. (Seen in area count period, but not on count day: Myrtle Warbler.)—Charles Anderson, Viola Anderson, Florence Haas, Jessie Hooper (compiler), Dorothy Hunt, Leavitt McQuesten, Elaine Reinelt, James Rogers, Josephine Rogers, Harriet Rustemeyer, Harry R. Smith, John Strohbeen, Mabel Terry, Henry Washburn, Viola Washburn (Santa Cruz Bird Club).

592. Tomales Bay, Calif. (all points within a 15-mile diameter circle, center ½ mile NW of Marshall, including Tomales Point, Dillon Beach, Chileno and Stemple Creek valleys, Tomales Bay State Park, Inverness Ridge, Schooner Bay, Abbotts Lagoon; ocean, beach, rocky shore 12%, mud flats 10%, bays 20%, salt marsh 3%, fresh-water ponds and marsh 9%, coniferous forest 18%, deciduous woodland 8%, brush 5%, open fields 12%).—Jan. 3; 4:30 a.m. to 5 p.m. Clear; temp. 28° to 46°; wind W, 5-10 m.p.h.; precipitation below normal previous 3 months. Thirty-nine observers in 11 parties. Total party-hours, 92 (58 on foot, 34 by car); total party-miles, 232 (65 on foot, 167 by car). ► Common Loon, 70; Arctic Loon, 708; Red-throated Loon, **1850**; Red-necked Grebe, 6; Horned Grebe, 217; Eared Grebe, 249; Western Grebe, **1877**; Pied-billed Grebe, 48; **Manx Shearwater, 1** (all field marks—R.S.); White Pelican, 276; Brown Pelican, 76; Double-crested Cormorant, 403; Brandt's Cormorant, **7651**; Pelagic Cormorant, 173; Great Blue Heron, 42; Common Egret, 21; Snowy Egret, 34; Black-crowned Night Heron, 52; Am. Bittern, 2; Whistling Swan, 5; Canada Goose, 14; Black Brant, 887; Mallard, 71; Gadwall, 2; Pintail, 270; Green-winged Teal, 34; Am. Widgeon, 704; Shoveler, 14; Redhead, **941**; Ring-necked Duck, 1; Canvasback, 393; Greater Scaup, 4; Lesser Scaup, 116; scaup (sp.), 161; Common Goldeneye, 192; Bufflehead, 576; Oldsquaw, 4; Harlequin Duck, 7; White-winged Scoter, 503; Surf Scoter, 2333; Common Scoter, 43; Ruddy Duck, 3789; Hooded Merganser, 2; Red-breasted Merganser, 80; Turkey Vulture, 89; White-tailed Kite, 1; Sharp-shinned Hawk, 5; Cooper's Hawk, 2; Red-tailed Hawk, 60; Red-shouldered Hawk, 2; **Bald Eagle, 1**; Marsh Hawk, 8; Peregrine Falcon, 2; Sparrow Hawk, 172; California Quail, 198; Ring-necked Pheasant, 3; Virginia Rail, 2; Sora, 1; Am. Coot, 820; Black Oystercatcher, 21; Semipalmated Plover, 2; Snowy Plover, 46; Killdeer, 206; **Am. Golden Plover, 1** (carefully identified standing and in flight—R.S.); Black-bellied Plover, 66; Surfbird, 4; Black Turnstone, 72; Common Snipe, 61; Spotted Sandpiper, 2; Willet, 149; Greater Yellowlegs, 4; Least Sandpiper, 1624; Dunlin, 2903; Western Sandpiper, 606; Marbled Godwit, 252; Sanderling, 213; **Red Phalarope, 10**; Glaucous-winged Gull, 119; Western Gull, 297; Herring Gull, 210; California Gull, 289; Ring-billed Gull, 310; Mew Gull, 166; Bonaparte's Gull, 29; Heermann's Gull, 147; Forster's Tern, 9; Common Murre, **423**;

Pigeon Guillemot, 20; Ancient Murrelet, 2; Cassin's Auklet, 12; Rhinoceros Auklet, **81**; Band-tailed Pigeon, 23; Mourning Dove, 25; Barn Owl, 3; Screech Owl, 5; Great Horned Owl, **34**; Burrowing Owl, 1; **Spotted Owl, 1** (regular in area); Saw-whet Owl, 4; Anna's Hummingbird, 5; Belted Kingfisher, 23; Red-shafted Flicker, 159; Acorn Woodpecker, 7; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 11; Downy Woodpecker, 6; Black Phoebe, 66; Say's Phoebe, 18; Horned Lark, 74; Steller's Jay, 6; Scrub Jay, 110; Common Raven, 45; Common Crow, 227; Chestnut-backed Chickadee, 62; Common Bushtit, 140; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 8; Pigmy Nuthatch, 74; Brown Creeper, 8; Wrentit, 99; **House Wren, 1** (seen well—L.R.); Winter Wren, 18; Bewick's Wren, 48; Long-billed Marsh Wren, 9; Rock Wren, 1; Robin, 159; Varied Thrush, 7; Hermit Thrush, 54; Western Bluebird, 115; Golden-crowned Kinglet, 13; Ruby-crowned Kinglet, 151; Water Pipit, **2492**; Cedar Waxwing, 51; Loggerhead Shrike, 46; Starling, 1650; Hutton's Vireo, 9; Orange-crowned Warbler, 3; Myrtle Warbler, 80; Audubon's Warbler, 589; Townsend's Warbler, 6; Yellowthroat, 2; House Sparrow, 172; Western Meadowlark, 1087; Redwinged Blackbird, 1120; Tricolored Blackbird, 1; Brewer's Blackbird, 5472; Brown-headed Cowbird, 5; Purple Finch, 11; House Finch, 479; Pine Siskin, 88; Am. Goldfinch, 2; Lesser Goldfinch, 8; **Red Crossbill, 6** (regular since March); **Green-tailed Towhee, 1** (carefully identified); Rufous-sided Towhee, 14; Brown Towhee, 74; Savannah Sparrow, 167; Lark Sparrow, 1; **Slate-colored Junco, 1** (regular at feeder); Oregon Junco, 264; White-crowned Sparrow, 2333; Golden-crowned Sparrow, 515; **White-throated Sparrow, 2**; Fox Sparrow, 54; Song Sparrow, 126. **Total,** 164 species; about 53,377 individuals. (Seen in area count period, but not on count day: **Glaucous Gull.**)—E. A. Albertson, Frank Cantu, Duane Carmony, A. Laurence Curl, Hallie Curl, Nina Eloesser, Richard A. Fletcher, Richard Holmes, Elizabeth Lennon, Phyllis Lindley (compiler), R. Guy McCaskie, Dorcas McClintock, Grace Miller, Patricia Monaco, Paul Opler, Gordan Orians, Harold Peterson, John Ralph, Stephen Rennacker, Lynn Robbins, Sandra Seglar, Mary Smith, Richard Stallcup, Bruce Towle, Peter A. Veitch, Francis Walcott, William Westwick, Phyllis Zweigart.

593. Topanga Canyon, Calif. (all points within a 15-mile diameter circle, center at Topanga Post Office as in former years, including Topanga Canyon, part of Santa Monica Mountains, coastal beaches along Cabrillo Highway, Malibu Lagoon; chaparral slopes 15%, mixed forest 30%, salt-water shore 50%, fresh-water lake 5%).—Dec. 29; 7 a.m. to 5 p.m. Clear; temp. 50° to 60°; wind E, 5-20 m.p.h. Three observers in 3 parties. Total party-hours, 16 (10 on foot, 6 by car); total party-miles, 76 (15 on foot, 61 by car). ► Eared Grebe, 1; Western Grebe, 4; Pied-billed Grebe, 3; Greater Scaup, 2; Surf Scoter, 10; Ruddy Duck, 3; White-tailed Kite, 1; California Quail, 8; Am. Coot, 8; Snowy Plover, 15; Killdeer, 2; Black-bellied Plover, 5; Black Turnstone, 15; Spotted Sandpiper, 1; Willet, 21; Least Sandpiper, 6; Western Sandpiper, 1; Marbled Godwit, 2; Sanderling, 7; Northern Phalarope, 2; Western Gull, 3; California Gull, 11; Ring-billed Gull, 22; Heermann's Gull, 20; Forster's Tern, 6; White-throated Swift, 10; Anna's Hummingbird, 4; Red-shafted Flicker, 2; Acorn Woodpecker, 5; Nuttall's Woodpecker, 2; Black Phoebe, 1; Say's Phoebe, 2; Scrub Jay, 11; Common Raven, 2; Common Crow, 6; Plain Titmouse, 8; Common Bushtit, 10; Wrentit, 7; Bewick's Wren, 1; Mockingbird, 3; California Thrasher, 2; Hermit Thrush, 3; Western Bluebird, 6; Ruby-crowned Kinglet, 5; Loggerhead Shrike, 3; Audubon's Warbler, 23; Yellowthroat, 1; House Sparrow, 1; Western Meadowlark, 2; Redwinged Blackbird, 5; Brewer's Blackbird, 50; Purple Finch, 4; House Finch, 15; Lesser Goldfinch, 6; Rufous-sided Towhee, 11; Brown Towhee, 15; Savannah Sparrow, 1; Oregon Junco, 2; White-crowned Sparrow, 6; Song Sparrow, 4. **Total,** 60 species; about 418 individuals.—W. Lee Chambers, Earle R. Greene (compiler), Mrs. Joan Mills.

594. Yosemite National Park, Calif. (all points within a 15-mile diameter circle, center park headquarters; primarily in canyon of Merced River, including Yosemite Valley and rims thereof south to Tempo Dome and north to Big Meadow; 2000-8200 ft.; lakeshore and swamp 1%, semi-open hillsides 21%, meadows 14%, riverbanks 30%, coniferous forest 34%).—Dec. 29; 6:30 a.m. to 5:30 p.m. Clear; temp. 28° to 70°; no wind; water frozen and snow at higher elevations. Seventeen observers in 4 parties. Total party-hours, 35 (26 on foot, 7 by car, 2 by skis); total party-miles, 73 (18 on foot, 53 by car, 2 by skis). ► Great Blue Heron, 1; **Goshawk, 1** (first count record); Sharp-shinned Hawk, 3; Cooper's Hawk, 2; Red-tailed Hawk, 7; Golden Eagle, 2; Sparrow Hawk, 6; Band-tailed Pigeon, 364; Mourning Dove, 23; Pygmy Owl, 2; White-throated Swift, 6; Anna's Hummingbird, 3; Belted Kingfisher, 3; Red-shafted Flicker, 20; Pileated Woodpecker, 1; Acorn Woodpecker, 31; Yellow-bellied Sapsucker, 1; Hairy Woodpecker, 4; Downy Woodpecker, 2; Nuttall's Woodpecker, 2; White-headed Woodpecker, 4; Black Phoebe, 15; Steller's Jay, 194; Scrub Jay, 33; Mountain Chickadee, 54; Plain Titmouse, 30; Common Bushtit, 30; White-breasted Nuthatch, 1; Red-breasted Nuthatch, 2; Brown Creeper, 3; Wrentit, 10; Dipper, 15; Winter Wren, 1; Bewick's Wren, 2; Cañon Wren, 4; Rock Wren, 2; Robin, 63; Varied Thrush, 1; Hermit Thrush, 14; Western Bluebird, 189; Townsend's Solitaire, 3; Golden-crowned Kinglet, 20; Ruby-crowned Kinglet, 10; Hutton's Vireo, 2; Audubon's Warbler, 10; House Sparrow, 18; Brewer's Blackbird, 8; Purple Finch, 3; House Finch, 105; Lesser Goldfinch, 2; Rufous-sided Towhee, 13; Brown Towhee, 57; Lark Sparrow, 1; Slate-colored Junco, 2; Oregon Junco, 222; White-crowned Sparrow, 29; Golden-crowned Sparrow, 201; Fox Sparrow, 1. **Total,** 58 species; about 1858 individuals. (Seen in area count period, but not on count day: Peregrine Falcon, Great Gray Owl.)—Mignon Augsbury, Katharine Coakley, Erma Fitzpatrick, Michael Fitzpatrick, W. J. Fitzpatrick (compiler), D. H. Hubbard, D. H. Hubbard, Jr., Dorothy Johnson, James Johnson, Vergena Koller, Paul F. McCrary, Myron H. Sutton, Mary Curry Tresidder, Keith A. Trexler, Ben Twight, Mary Twight, Robert F. Upton.

SUMMARY OF HIGHEST COUNTS OF INDIVIDUALS

by John Seddon Weske

Observers across the continent recorded a total of 501 species on the 60th Christmas Bird Count, a new all-time high. This figure represents an astonishing increase over the previous high of 488, recorded last year.

Coot Bay, Florida, provided the highest count of individuals for 48 species, more than double the number from any other census. By states, the leader was Florida with 109 highest counts, closely followed by California with 105. Behind them were Texas, 76; Arizona, 30; and Louisiana, 22. Birders in Canada accounted for 31 highest counts. In all, 38 states and 6 provinces are represented in the summary.

Five species were recorded this year for the first time since this summary was started in 1947 and probably for the first time on the Christmas Count. The name and total for these birds are printed in bold-face type. In addition, 120 species were seen in numbers exceeding or tieing the previous high, and for these only the total is bold-faced.

Common Loon, 220 (*Del.*, Rehoboth); Arctic Loon, **708** (*Calif.*, Tomales Bay); Red-throated Loon, **1850** (*Calif.*, Tomales Bay); Red-necked Grebe, 38 (*Me.*, Mt. Desert); Horned Grebe, 1109 (*Del.*, Rehoboth); Eared Grebe, 8401 (*Tex.*, LaSal Vieja); Least Grebe, 32 (*Tex.*, Santa Ana); Western Grebe, 2003 (*B. C.*, Vancouver); Pied-billed Grebe, 214 (*Tex.*, Freeport); Manx Shearwater, 1 (*Calif.*, Tomales Bay); White Pelican, **3729** (*Fla.*, Coot Bay); Brown Pelican, 1606 (*Fla.*, Coot Bay); Brown Bobby, 1 (*Fla.*, Cocoa; *Ariz.*, Imperial); Gannet, 48 (*N. C.*, Wilmington); Great Cormorant, 537 (*R. I.*, Newport); Double-crested Cormorant, 2254 (*Fla.*, Coot Bay); Olivaceous Cormorant, 252 (*La.*, Sabine; *Tex.*, LaSal Vieja); Brandt's Cormorant, **7651** (*Calif.*, Tomales Bay); Pelagic Cormorant, **2666** (*Calif.*, San Diego); Anhinga, 123 (*Fla.*, Coot Bay); Magnificent Frigate-bird, 46 (*Fla.*, Key Largo).

Great White Heron, **636** (*Fla.*, Coot Bay); Würdemann's Heron, 2 (*Fla.*, Key Largo); Great Blue Heron, **755** (*Fla.*, Coot Bay); Green Heron, **300** (*Fla.*, Coot Bay); Little Blue Heron, 478 (*Fla.*, Coot Bay); Cattle Egret, **2140** (*Fla.*, Ft. Lauderdale); Reddish Egret, 156 (*Tex.*, Laguna Atascosa); Common Egret, 2451 (*Fla.*, Coot Bay); Snowy Egret, 2935 (*Fla.*, Coot Bay); Louisiana Heron, 757 (*Fla.*, Coot Bay); Black-crowned Night Heron, 191 (*Fla.*, Coot Bay); Yellow-crowned Night Heron, 56 (*Fla.*, Bradenton); Least Bittern, 24 (*Fla.*, Cocoa); American Bittern, 8 (*Fla.*, Cocoa); Wood Ibis, **1600** (*Fla.*, Corkscrew); Glossy Ibis, 68 (*Fla.*, Cocoa); White-faced Ibis, **5627** (*La.*, Sabine); White Ibis, 3487 (*Fla.*, Coot Bay); Roseate Spoonbill, **399** (*Fla.*, Coot Bay); American Flamingo, **5** (*Fla.*, Coot Bay).

Mute Swan, 519 (*N. Y.*, Cent. Suffolk Co.); Whistling Swan, 10,049 (*Md.*, St. Michaels); Trumpeter Swan, **20** (*Mont.*, Ennis); Canada Goose, 100,000 (*N. C.*, Mattamuskeet); Brant, 40,000 (*N. J.*, Oceanville); Black Brant, 887 (*Calif.*, Tomales Bay); White-fronted Goose, 1122 (*Calif.*, Sacramento); Snow Goose, 29,000 (*Va.*, Back Bay); Blue Goose, 12,000 (*La.*, Sabine); Ross' Goose, 1 (*Calif.*, Sacramento); Mallard, 210,000 (*Idaho*, Nampa); Black Duck, 20,000 (*N. J.*, Oceanville); Mottled Duck, 184 (*Fla.*, Coot Bay); Gadwall, 9600 (*Tenn.*, Reelfoot Lake); Pintail, 60,000 (*N. C.*, Mattamuskeet); Common Teal, 1 (*R. I.*, Newport); Green-winged Teal, 10,000 (*N. C.*, Mattamuskeet); Blue-winged Teal, **5670** (*Fla.*, Coot Bay); Cinnamon Teal, 74 (*Calif.*, Orange Co., central); European Widgeon, 4 (*Calif.*, Crystal Springs); American Widgeon, 33,950 (*Tex.*, Muleshoe); Shoveler, 3457 (*Calif.*, Orange Co., central); Wood Duck, 307 (*Ga.*, Okefenokee); Redhead, 112,145 (*Tex.*, Laguna Atascosa); Ring-necked Duck, 15,000 (*N. C.*, Mattamuskeet); Canvasback, 12,275 (*N. Y.*, Buffalo); Greater Scaup, 20,000 (*Mass.*, Quincy); Lesser Scaup, 15,000 (*N. C.*, Mattamuskeet); Common Goldeneye, 7696 (*Wis.*, Milwaukee); Barrow's Goldeneye, 438 (*B. C.*, Vancouver); Bufflehead, 2101 (*Calif.*, Oakland); Oldsquaw, 6328 (*Md.*, St. Michaels); Harlequin Duck, 83 (*B. C.*, Victoria); Common Eider, 964 (*Me.*, Mt. Desert); King Eider, **27** (*Mass.*, Cape Ann); White-winged Scoter, 2000 (*N. J.*, Oceanville; *Calif.*, San Diego); Surf Scoter, 11,119 (*Calif.*, San Diego); Common Scoter, 1142 (*Del.*, Rehoboth); Ruddy Duck, 20,000 (*N. C.*, Mattamuskeet); Hooded Merganser, 115 (*N. Y.*, S. Nassau Co.); Common Merganser, 6846 (*Kans.*, Kirwin); Red-breasted Merganser, 1208 (*Fla.*, Coot Bay).

Turkey Vulture, 495 (*Fla.*, Coot Bay); Black Vulture, 500 (*Ga.*, Sherwood); White-tailed Kite, **38** (*Calif.*, Sacramento); Goshawk, 3 (*Colo.*, Colorado Springs); Sharp-shinned Hawk, 12 (*Oreg.*, Portland); Cooper's Hawk, 10 (*Ohio*, Mohican Forest); Red-tailed Hawk, **245** (*Calif.*, Sacramento); Harlan's Hawk, 1 (*Ark.*, Lonoke; *La.*, Sabine; *Kans.*, Olathe; *Okla.*, Salt Plains and Wichita Mts.); Red-shouldered Hawk, **112** (*Fla.*, Coot Bay); Broad-winged Hawk, 15 (*Fla.*, Key Largo); Swainson's Hawk, **8** (*Calif.*, Redlands); **Zone-tailed Hawk, 1** (*Ariz.*, Santa Catalina Mts.); White-tailed Hawk, 3 (*Tex.*, Aransas); Short-tailed Hawk, 3 (*Fla.*, Coot Bay); Rough-legged Hawk, 24 (*Oreg.*, Ft. Klamath); Ferruginous Hawk, 9 (*Tex.*, Midland); Gray Hawk, 1 (*Tex.*, Santa Ana); Harris' Hawk, 65 (*Tex.*, LaSal Vieja); Golden Eagle, 43 (*Wyo.*, Casper); Bald Eagle, 58 (*Ill.*, W. Mercer); Marsh Hawk, 173 (*Calif.*, Sacramento); Osprey, **115** (*Fla.*, Coot Bay); Caracara, 7 (*Tex.*, Laguna Atascosa); Gyrfalcon, 1 (*Alta.*, Calgary); Prairie Falcon, 6 (*Kans.*, Quivira); Peregrine Falcon, 5 (*Fla.*, Coot Bay); Pigeon Hawk, 4 (*La.*, Sabine); Sparrow Hawk, 490 (*Calif.*, Sacramento).

Chachalaca, **156** (*Tex.*, Santa Ana); Blue Grouse, 2 (*B. C.*, Vancouver); Ruffed Grouse, 36 (*Ont.*, St.

Thomas); White-tailed Ptarmigan, 1 (*Colo.*, Rocky Mtn.); Greater Prairie Chicken, 46 (*Okla.*, Ft. Gibson); Sharp-tailed Grouse, 38 (*Alta.*, Raven); Bobwhite, 503 (*Fla.*, Sarasota); Scaled Quail, **678** (*Tex.*, Big Spring); California Quail, 662 (*Calif.*, Sacramento); Gambel's Quail, 133 (*Ariz.*, Phoenix); Mountain Quail, 18 (*Oreg.*, Medford); **Harlequin Quail,** 3 (*Ariz.*, Nogales); Ring-necked Pheasant, 790 (*Iowa*, Union Slough); **Red-legged Partridge,** 1 (*Colo.*, Ft. Collins); Gray Partridge, 196 (*N. D.*, Des Lacs); Turkey, 80 (*Tex.*, Welder); Whooping Crane, 6 (*Tex.*, Aransas); Sandhill Crane, 18,967 (*Tex.*, Stanton); Limpkin, 16 (*Fla.*, Corkscrew); King Rail, 38 (*Fla.*, Cocoa); Clapper Rail, **133** (*Fla.*, Jacksonville); Virginia Rail, 37 (*Md.*, S. Dorchester Co.); Sora, 85 (*Fla.*, Cocoa); Yellow Rail, 1 (*N. J.*, Oceanville; *Tex.*, Santa Ana); Black Rail, 1 (*Va.*, Norfolk Co.); Purple Gallinule, 6 (*Fla.*, W. Palm Beach); Common Gallinule, 79 (*Fla.*, St. Petersburg); American Coot, 15,000 (*N. C.*, Mattamuskeet).

American Oystercatcher, 58 (*S. C.*, Charleston); Black Oystercatcher, 21 (*Calif.*, Tomales Bay); Semipalmated Plover, 110 (*Fla.*, St. Petersburg); Piping Plover, 65 (*Fla.*, Cocoa); Snowy Plover, 68 (*Calif.*, Orange Co., central); Wilson's Plover, **106** (*Fla.*, St. Petersburg); Killdeer, 3848 (*Calif.*, Sacramento); Mountain Plover, 404 (*Calif.*, Orange Co., central); American Golden Plover, 1 (*Fla.*, W. Palm Beach; *Ark.*, Ft. Smith; *Calif.*, Tomales Bay); Black-bellied Plover, 1141 (*Calif.*, Oakland); Surfbird, 60 (*Calif.*, Crystal Springs); Ruddy Turnstone, 224 (*Fla.*, Coot Bay); Black Turnstone, 175 (*B. C.*, Vancouver); American Woodcock, 9 (*La.*, Sabine); Common Snipe, 502 (*Calif.*, Orange Co., central); Long-billed Curlew, 235 (*Tex.*, Laguna Atascosa); Whimbrel, 143 (*Calif.*, Orange Co., central); Spotted Sandpiper, 48 (*Fla.*, Coot Bay); Solitary Sandpiper, 3 (*Fla.*, Cocoa); Wandering Tattler, 2 (*Calif.*, Monterey); Willet, 1700 (*Calif.*, Oakland); Greater Yellowlegs, 107 (*Tex.*, LaSal Vieja); Lesser Yellowlegs, 64 (*La.*, Sabine); Knot, 221 (*Fla.*, Bradenton); Purple Sandpiper, **313** (*Me.*, Deer Isle); Rock Sandpiper, **51** (*B. C.*, Victoria); Pectoral Sandpiper, 3 (*Fla.*, Cocoa); White-rumped Sandpiper, 1 (*N. J.*, Cape May); Baird's Sandpiper, 7 (*Calif.*, Orange Co., central); Least Sandpiper, 1781 (*Fla.*, Coot Bay); Dunlin, **26,814** (*B. C.*, Ladner); Short-billed Dowitcher, **967** (*Fla.*, Coot Bay); Long-billed Dowitcher, **1072** (*Calif.*, Orange Co., central); Stilt Sandpiper, 3 (*Tex.*, Laguna Atascosa); Semipalmated Sandpiper, 1036 (*Fla.*, Coot Bay); Western Sandpiper, 7716 (*Calif.*, Oakland); Marbled Godwit, 1250 (*Calif.*, Oakland); Sanderling, 934 (*Calif.*, Oakland); American Avocet, 2883 (*Calif.*, Oakland); Black-necked Stilt, 16 (*Calif.*, Orange Co., central); Red Phalarope, 56 (*Fla.*, Atlantic Ocean); Wilson's Phalarope, 1 (*Calif.*, San Diego); Northern Phalarope, **320** (*Calif.*, Orange Co., central); Pomarine Jaeger, **8** (*Fla.*, Atlantic Ocean); Parasitic Jaeger, **14** (*Fla.*, Atlantic Ocean).

Glaucous Gull, **21** (*Ont.*, Kingston); Iceland Gull, 12 (*N. S.*, Halifax); Glaucous-winged Gull, **35,442** (*B. C.*, Vancouver); Great Black-backed Gull, **2108** (*N. Y.*, Brooklyn); Western Gull, 2114 (*Calif.*, San Diego); Herring Gull, 30,000 (*Pa.*, Presque Isle); California Gull, 3055 (*Calif.*, Sacramento); Ring-billed Gull, **170,000** (*Pa.*, Presque Isle); Mew Gull, 8043 (*B. C.*, Vancouver); Black-headed Gull, 5 (*N. S.*, Halifax); Laughing Gull, 1193 (*Fla.*, Bradenton); Franklin's Gull, 12 (*Tex.*, Freeport); Bonaparte's Gull, 6928 (*N. Y.*, Buffalo); Heerman's Gull, 1580 (*Calif.*, Monterey); Black-legged Kittiwake, 20 (*Mass.*, Cape Cod); Gull-billed Tern, 77 (*Tex.*, LaSal Vieja); Forster's Tern, **897** (*Tex.*, Houston); Common Tern, 31 (*Tex.*, Laguna Atascosa); Roseate Tern, 1 (*Fla.*, Cocoa and Coot Bay); Least Tern, 2 (*Tex.*, Houston); Royal Tern, 600 (*Fla.*, Cocoa); Sandwich Tern, 66 (*Fla.*, Lower Keys); Caspian Tern, 208 (*Fla.*, Coot Bay); Black Skimmer, 2416 (*Fla.*, Coot Bay); Razorbill, 2 (*Mass.*, Cape Ann); Common Murre, **423** (*Calif.*, Tomales Bay); Thick-billed Murre, 1 (*N. S.*, Halifax; *Mass.*, Cape Cod); Dovekie, 30 (*Mass.*, Cape Ann); Black Guillemot, **18** (*Me.*, Mt. Desert); Pigeon Guillemot, 75 (*B. C.*, Vancouver); Marbled Murrelet, 19 (*Wash.*, Orcas); Ancient Murrelet, 3 (*B. C.*, Vancouver; *Wash.*, Orcas); Cassin's Auklet, 12 (*Calif.*, Tomales Bay); Rhinoceros Auklet, 81 (*Calif.*, Tomales Bay).

White-crowned Pigeon, 8 (*Fla.*, Coot Bay); Band-tailed Pigeon, 364 (*Calif.*, Yosemite); Red-billed Pigeon, 1 (*Tex.*, Santa Ana); White-winged Dove, 3 (*Fla.*, W. Palm Beach; *La.*, Sabine); Mourning Dove, 6146 (*Ariz.*, Phoenix); Spotted Dove, 137 (*Calif.*, San Bernardino); Ringed Turtle Dove, 56 (*Calif.*, Los Angeles); Ground Dove., 179 (*Fla.*, Ft. Lauderdale); Inca Dove, **489** (*Ariz.*, Phoenix); White-fronted Dove, **46** (*Tex.*, Santa Ana); Mangrove Cuckoo, 1 (*Fla.*, Coot Bay and Ft. Myers); Yellow-billed Cuckoo, **4** (*Fla.*, Coot Bay); Roadrunner, 14 (*Ariz.*, Phoenix); Smooth-billed Ani, **48** (*Fla.*, Ft. Lauderdale); Groove-billed Ani, 6 (*La.*, Sabine); Barn Owl, **50** (*Calif.*, Sacramento); Screech Owl, 41 (*Pa.*, Glenolden); Great Horned Owl, 34 (*Calif.*, Tomales Bay); Snowy Owl, 7 (*Ont.*, Kingston); Hawk-Owl, 1 (*Ont.*, Kirkland Lake; *Minn.*, Duluth); Pygmy Owl, 3 (*Wash.*, Spokane); Burrowing Owl, 18 (*Calif.*, Sacramento); Barred Owl, 25 (*Fla.*, St. Marks); Spotted Owl, 1 (*Calif.*, Tomales Bay); Great Gray Owl, 1 (*Minn.*, Duluth); Long-eared Owl, 22 (*Ill.*, Rockford); Short-eared Owl, 94 (*Idaho*, Moscow); Saw-whet Owl, 7 (*Me.*, Castine).

Chuck-will's-widow, 2 (*Fla.*, Ft. Lauderdale); Whip-poor-will, 3 (*Ala.*, Dauphin I.); Poor-Will, 1 (*Calif.*, San Bernardino); Pauraque, 5 (*Tex.*, Laguna Atascosa); **Vaux's Swift,** 2 (*Calif.*, San Diego); White-throated Swift, 233 (*Calif.*, Los Angeles); Ruby-throated Hummingbird, **25** (*Fla.*, Coot Bay); Black-chinned Hummingbird, 5 (*Calif.*, Los Angeles and San Diego); Costa's Hummingbird, 3 (*Calif.*, San Diego); Anna's Hummingbird, 302 (*Calif.*, Orange Co., N.E.); Allen's Hummingbird, **5** (*Calif.*, San Bernardino); Rufous Hummingbird, 1 (*La.*, New Orleans); Belted Kingfisher, **250** (*Fla.*, Coot Bay); Green Kingfisher, 7 (*Tex.*, Del Rio).

Yellow-shafted Flicker, 159 (*Md.*, Ocean City); Red-shafted Flicker, 695 (*Calif.*, Sacramento); Gilded Flicker, 13 (*Ariz.*, Santa Catalina Mts.); Pileated Woodpecker, **48** (*Ga.*, Okefenokee); Red-bellied Woodpecker, 188 (*Ohio*, Cincinnati); Golden-fronted Woodpecker, **98** (*Tex.*, San Antonio); Gila Woodpecker, 82 (*Ariz.*, Santa Catalina Mts.); Red-headed

Woodpecker, 359 (*Okla.*, Tulsa); Acorn Woodpecker, 448 (*Calif.*, Orange Co., N.E.); Lewis' Woodpecker, 84 (*Calif.*, Chico); Yellow-bellied Sapsucker, 54 (*Tex.*, Tyler); Williamson's Sapsucker, 2 (*Calif.*, Redlands); Hairy Woodpecker, 81 (*Conn.*, Westport); Downy Woodpecker, 380 (*Ohio*, Cincinnati); Ladder-backed Woodpecker, 85 (*Tex.*, Santa Ana); Nuttall's Woodpecker, 48 (*Calif.*, Sacramento); Arizona Woodpecker, 2 (*Ariz.*, Santa Catalina Mts.); Red-cockaded Woodpecker, **44** (*La.*, Shreveport); White-headed Woodpecker, 4 (*Calif.*, Redlands and Yosemite); Black-backed Three-toed Woodpecker, 2 (*P. Q.*, Quebec; *Me.*, Castine); Northern Three-toed Woodpecker, 1 (*Sask.*, Kamsack; *Alta.*, Calgary).

Eastern Kingbird, **2** (*Fla.*, W. Palm Beach); Tropical Kingbird, 1 (*Tex.*, Del Rio); Cassin's Kingbird, **48** (*Calif.*, Orange Co., N.E.); Western Kingbird, **24** (*Fla.*, Ft. Lauderdale); Scissor-tailed Flycatcher, **19** (*La.*, Buras); Kiskadee Flycatcher, **219** (*Tex.*, Santa Ana); Great Crested Flycatcher, **56** (*Fla.*, Coot Bay); Wied's Crested Flycatcher, **1** (*Tex.*, Welder); Ash-throated Flycatcher, 6 (*Ariz.*, Sierra Pinta); Eastern Phoebe, 154 (*Fla.*, Cocoa); Black Phoebe, 66 (*Calif.*, Tomales Bay); Say's Phoebe, **110** (*Calif.*, Pasadena); empidonax (sp.), 2 (*Tex.*, Santa Ana); Vermilion Flycatcher, 60 (*Tex.*, Santa Ana); Beardless Flycatcher, 3 (*Tex.*, Santa Ana); Skylark, 45 (*B. C.*, Victoria); Horned Lark, 1089 (*Kans.*, Halstead); Violet-green Swallow, 20 (*Calif.*, San Diego); Tree Swallow, 15,328 (*La.*, New Orleans); Rough-winged Swallow, 127 (*Fla.*, Ft. Lauderdale); Barn Swallow, **50** (*Fla.*, Key Largo); Purple Martin, 3 (*Fla.*, Ft. Lauderdale).

Gray Jay, 24 (*Wis.*, Hiles); Blue Jay, **1018** (*Md.*, Triadelphia); Steller's Jay, 194 (*Calif.*, Yosemite); Scrub Jay, 577 (*Calif.*, Los Angeles); Mexican Jay, 25 (*Ariz.*, Santa Catalina Mts.); Green Jay, **370** (*Tex.*, Santa Ana); Black-billed Magpie, **718** (*Colo.*, Jefferson Co.); Yellow-billed Magpie, 1717 (*Calif.*, Sacramento); Common Raven, **241** (*N. M.*, Santa Fe); White-necked Raven, 556 (*Tex.*, Midland); Common Crow, 9790 (*Ohio*, Toledo); Northwestern Crow, 668 (*B. C.*, Victoria); Fish Crow, 3800 (*Fla.*, Ft. Pierce); Piñon Jay, 354 (*N. M.*, Santa Fe); Clark's Nutcracker, 13 (*Colo.*, Idaho Springs).

Black-capped Chickadee, **1133** (*Conn.*, Westport); Carolina Chickadee, 874 (*Ohio*, Cincinnati); Mountain Chickadee, 188 (*Oreg.*, Ft. Klamath); Boreal Chickadee, 56 (*Me.*, Castine); Chestnut-backed Chickadee, 262 (*Calif.*, Oakland); Tufted Titmouse, 552 (*Ohio*, Cincinnati); Black-crested Titmouse, 97 (*Tex.*, San Antonio); Plain Titmouse, 110 (*Calif.*, Orange Co., N.E.); Bridled Titmouse, 14 (*Ariz.*, Santa Catalina Mts.); Verdin, 83 (*Ariz.*, Phoenix); Common Bushtit, 603 (*Calif.*, Oakland); White-breasted Nuthatch, 222 (*N. J.*, Great Swamp); Red-breasted Nuthatch, **247** (*N. J.*, Hackensack); Brown-headed Nuthatch, **482** (*Md.*, S. Dorchester Co.); Pigmy Nuthatch, 304 (*Wash.*, Spokane); Brown Creeper, **100** (*Ohio*, Buckeye Lake).

Wrentit, 271 (*Calif.*, Los Angeles); Dipper, 16 (*Colo.*, Loveland); House Wren, 112 (*Fla.*, Cocoa); Winter Wren, 72 (*B. C.*, Vancouver); Bewick's Wren, **97** (*Tex.*, W. Travis Co.); Carolina Wren, **479** (*Ohio*, Cincinnati); Cactus Wren, 53 (*Tex.*, Odessa); Long-billed Marsh Wren, 48 (*Md.*, S. Dorchester Co.); Short-billed Marsh Wren, 90 (*La.*, Sabine); Cañon Wren, 13 (*Calif.*, Pasadena); Rock Wren, **38** (*Tex.*, Davis Mts.); Mockingbird, 545 (*Calif.*, Los Angeles); Catbird, 247 (*Fla.*, Coot Bay); Brown Thrasher, **200** (*Tex.*, Houston); Long-billed Thrasher, 25 (*Tex.*, Santa Ana); Bendire's Thrasher, 14 (*Ariz.*, Phoenix); Curve-billed Thrasher, 50 (*Ariz.*, Phoenix); California Thrasher, 79 (*Calif.*, Los Angeles); Le Conte's Thrasher, **3** (*Ariz.*, Sierra Pinta); Crissal Thrasher, 9 (*Tex.*, El Paso); Sage Thrasher, 4 (*Tex.*, Laguna Atascosa and W. Travis Co.).

Robin, 50,000 (*Fla.*, Cocoa); Varied Thrush, 24 (*Calif.*, Oakland); Wood Thrush, **1** (*N. Y.*, Cent. Suffolk Co.; *Pa.*, Lower Bucks Co.; *La.*, St. Francisville); Hermit Thrush, **224** (*Calif.*, Oakland); Swainson's Thrush, 2 (*Tex.*, San Antonio; *Calif.*, Redlands); Eastern Bluebird, **537** (*Tex.*, Del Rio); Western Bluebird, 213 (*Calif.*, Redlands); Mountain Bluebird, 250 (*Calif.*, Big Bear Lake); Townsend's Solitaire, 91 (*N. Mex.*, Santa Fe); Blue-gray Gnatcatcher, 492 (*Fla.*, Coot Bay); Black-tailed Gnatcatcher, 6 (*Ariz.*, Imperial); Golden-crowned Kinglet, 335 (*Oreg.*, Eugene); Ruby-crowned Kinglet, 327 (*Fla.*, St. Marks); Water Pipit, **9794** (*Calif.*, Sacramento); Sprague's Pipit, 9 (*La.*, Sabine); Bohemian Waxwing, 2950 (*Alta.*, Edmonton); Cedar Waxwing, 1019 (*Calif.*, Oakland); Phainopepla, 28 (*Ariz.*, Santa Catalina Mts.); Northern Shrike, **20** (*Idaho*, Moscow); Loggerhead Shrike, 284 (*Tex.*, Houston); Starling, 1,302,942 (*Ill.*, Crab Orchard); Crested Myna, **312** (*B. C.*, Vancouver).

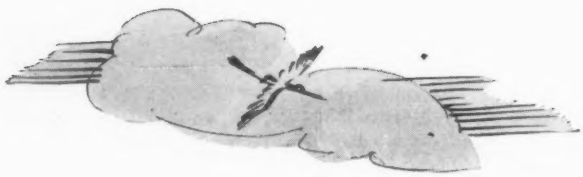
White-eyed Vireo, **147** (*Fla.*, Coot Bay); Hutton's Vireo, **19** (*Calif.*, Monterey); Gray Vireo, 1 (*Ariz.*, Sierra Pinta); Yellow-throated Vireo, 3 (*Fla.*, Coot Bay); Solitary Vireo, 9 (*Fla.*, Ft. Lauderdale; *La.*, Buras); Black-and-white Warbler, 38 (*Fla.*, Coot Bay); Prothonotary Warbler, 1 (*Va.*, Newport News); Orange-crowned Warbler, **281** (*La.*, Buras); Nashville Warbler, 6 (*Tex.*, Santa Ana); **Lucy's Warbler,** 1 (*La.*, Buras); Parula Warbler, 17 (*Fla.*, Coot Bay); Yellow Warbler, 4 (*Fla.*, Coot Bay); Magnolia Warbler, 1 (*Fla.*, Key West; *La.*, Buras; *Tex.*, Waco); Cape May Warbler, 3 (*Fla.*, Key West); Black-throated Blue Warbler, **5** (*Fla.*, Ft. Lauderdale); Myrtle Warbler, 5500 (*N. J.*, Oceanville); Audubon's Warbler, 3832 (*Calif.*, Sacramento); Black-throated Gray Warbler, 3 (*Ariz.*, Santa Catalina Mts.); Townsend's Warbler, 30 (*Calif.*, Palo Alto); Black-throated Green Warbler, 2 (*Fla.*, Key West); Hermit Warbler, **6** (*Calif.*, Palo Alto); Yellow-throated Warbler, 36 (*Fla.*, Coot Bay); Chestnut-sided Warbler, **1** (*Fla.*, Daytona); Pine Warbler, 130 (*Ga.*, Columbus); Prairie Warbler, **129** (*Fla.*, Coot Bay); Palm Warbler, 750 (*Fla.*, Cocoa); Ovenbird, **9** (*Fla.*, Ft. Pierce); Northern Waterthrush, 9 (*Fla.*, Coot Bay); Kentucky Warbler, **1** (*Tex.*, Freeport); Yellowthroat, 295 (*Fla.*, Coot Bay); Yellow-breasted Chat, 4 (*Va.*, Back Bay); Wilson's Warbler, 4 (*La.*, Buras; *Tex.*, Freeport); American Redstart, 4 (*Fla.*, Coot Bay).

House Sparrow, 22,051 (*Ariz.*, Phoenix); European Tree Sparrow, 8 (*Mo.*, Portage Des Sioux); Eastern Meadowlark, 2821 (*Tex.*, San Antonio); Western Meadowlark, 4197 (*Calif.*, Sacramento); Yellow-headed Blackbird, 5712 (*Ariz.*, Phoenix); Redwinged Blackbird, **8,000,000** (*Va.*, Norfolk Co.); Tricolored

Blackbird, 100 (*Calif.*, Crystal Springs and San Diego); Orchard Oriole, **2** (*Md.*, Annapolis); Black-headed Oriole, 6 (*Tex.*, Bentsen and Santa Ana); Hooded Oriole, 5 (*Calif.*, Orange Co., central); Baltimore Oriole, **10** (*N. C.*, Cent. Beaufort); Bullock's Oriole, 3 (*Fla.*, Key Largo); Rusty Blackbird, 150,000 (*S. C.*, Clemson); Brewer's Blackbird, **250,000** (*Tex.*, Waco); Boat-tailed Grackle, 9687 (*Tex.*, Santa Ana); Common Grackle, 1,000,000 (*Va.*, Norfolk Co.); Brown-headed Cowbird, **400,000** (*Tex.*, Waco); Bronzed Cowbird, 25 (*Tex.*, Bentsen); Western Tanager, 1 (*Mass.*, Cape Cod; *Pa.*, West Chester; *N. C.*, Mattamuskeet; *Calif.*, San Diego).

Cardinal, 1159 (*Ohio*, Cincinnati); Pyrrhuloxia, 162 (*Tex.*, Eagle Pass); Rose-breasted Grosbeak, 1 (*N. Y.*, Bronx); Black-headed Grosbeak, 1 (*Conn.*, Hartford); Blue Grosbeak, **2** (*N. C.*, Wilmington); Indigo Bunting, **72** (*Fla.*, Ft. Lauderdale); Lazuli Bunting, 2 (*Ariz.*, Santa Cruz Valley); Painted Bunting, **128** (*Fla.*, Ft. Lauderdale); Dickcissel, 2 (*Conn.*, New London); Evening Grosbeak, 833 (*Mass.*, Northampton); Purple Finch, 356 (*Oreg.*, Portland); Cassin's Finch, 69 (*N. Mex.*, Santa Fe); House Finch, 5508 (*Calif.*, Orange Co., central); White-collared Seedeater, 19 (*Tex.*, Santa Ana); Pine Grosbeak, 151 (*Minn.*, Duluth); Gray-crowned Rosy Finch, 412 (*Wyo.*, Casper); Black Rosy Finch, 125 (*Mont.*, Great Falls); Brown-capped Rosy Finch, 130 (*N. Mex.*, Espanola); Hoary Redpoll, **44** (*Alta.*, Edmonton); Common Redpoll, 1153 (*Mass.*, Springfield); Pine Siskin, 2931 (*B. C.*, Vancouver); American Goldfinch, **5901** (*Calif.*, Sacramento); Lesser Goldfinch, **3277** (*Calif.*, Sacramento); Lawrence's Goldfinch, 89 (*Ariz.*, Phoenix); Red Crossbill, 383 (*Wash.*, Spokane); White-winged Crossbill, 49 (*Alta.*, Edmonton).

Olive Sparrow, 11 (*Tex.*, Santa Ana); Green-tailed Towhee, 25 (*Ariz.*, Santa Cruz Valley); Rufous-sided Towhee, 316 (*Va.*, Norfolk Co.); Brown Towhee, 887 (*Calif.*, Orange Co., N.E.); Abert's Towhee, **111** (*Ariz.*, Phoenix); Lark Bunting, **13,512** (*Tex.*, Midland); Ipswich Sparrow, 6 (*Md.*, Ocean City); Savannah Sparrow, 3844 (*Calif.*, Sacramento); Grasshopper Sparrow, 17 (*Ga.*, Rome); Baird's Sparrow, 14 (*N. Mex.*, Roswell); Le Conte's Sparrow, 10 (*Tex.*, Tyler); Henslow's Sparrow, 5 (*N. C.*, Wilmington); Sharp-tailed Sparrow, 55 (*N. J.*, Cape May); Seaside Sparrow, 42 (*La.*, Sabine); Dusky Seaside Sparrow, 4 (*Fla.*, Titusville); Vesper Sparrow, 517 (*Tex.*, San Antonio); Lark Sparrow, 335 (*Calif.*, San Jose); Rufous-crowned Sparrow, **50** (*Calif.*, Sacramento); Bachman's Sparrow, 8 (*Fla.*, St. Petersburg); Cassin's Sparrow, 4 (*Tex.*, Stanton); Black-throated Sparrow, 99 (*Tex.*, Davis Mts.); Sage Sparrow, 28 (*Calif.*, China Lake); White-winged Junco, 56 (*Colo.*, Jefferson Co.); Slate-colored Junco, 2605 (*N. J.*, N.W. Gloucester Co.); Oregon Junco, **4200** (*N. Mex.*, Espanola); Gray-headed Junco, 892 (*N. Mex.*, Santa Fe); Mexican Junco, 13 (*Ariz.*, Santa Catalina Mts.); Tree Sparrow, 2100 (*Kans.*, Quivira); Chipping Sparrow, **750** (*N. C.*, Cent. Beaufort Co.); Clay-colored Sparrow, 22 (*Nebr.*, Scottsbluff); Brewer's Sparrow, 535 (*Ariz.*, Santa Cruz Valley); Field Sparrow, **1471** (*Tex.*, Tyler); Black-chinned Sparrow, 3 (*Ariz.*, Santa Catalina Mts.); Harris' Sparrow, 500 (*Okla.*, Salt Plains); White-crowned Sparrow, 17,348 (*Calif.*, Sacramento); Golden-crowned Sparrow, 1972 (*Calif.*, Sacramento); White-throated Sparrow, 2911 (*Pa.*, Glenolden); Fox Sparrow, 156 (*Pa.*, Glenolden); Lincoln's Sparrow, **514** (*Tex.*, San Antonio); Swamp Sparrow, 726 (*Md.*, So. Dorchester Co.); Song Sparrow, **3300** (*S. C.*, Clemson); McCown's Longspur, 10 (*Tex.*, Denton); Lapland Longspur, 740 (*Ark.*, Lonoke); Smith's Longspur, **151** (*Tex.*, Tyler); Chestnut-collared Longspur, 500 (*Kans.*, Quivira); Snow Bunting, 1057 (*Ont.*, West Elgin).



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CHRISTMAS BIRD COUNT RULES

READ CAREFULLY!

REPORTS NOT ADHERING TO RULES WILL BE REJECTED

1. **Report forms supplied by Audubon Field Notes must be used.** Any other presentation will be returned. If a compiler has not received a form one month before count week, he should request one.

2. **These forms will be used by the printer.** You are submitting a manuscript so do a neat and careful job. After each species positively identified indicate the number of individuals recorded. Do not include birds found dead. Then, using a **red** pencil, draw a heavy line through each species not recorded. **Type, or print clearly,** indicating distinctly letters to be capitalized—this is especially important in the introductory, descriptive material. Condense introductory material as much as clarity permits and **place information in the correct space allotted in the form.**

3. **A count area must fill (preferably) or fit within a 15-mile diameter circle.** Compilers should recheck areas as the editor must reject any exceeding the prescribed limits.

4. Counts must be made during the period as announced each year in **Audubon Field Notes** and must cover only one calendar day. Reports not reaching the National Audubon Society, 1130 Fifth Avenue, New York 28, New York, by January 15th cannot be accepted.

5. Dawn to dusk or longer counts are preferred and **those of less than 8 hours duration (except in Arctic areas or on pelagic counts) will not be printed.**

6. Birds whose occurrence is of special interest should be underscored with a wavy line to indicate boldface type. Should abundance be the noteworthy item underscore only the number recorded. If birds unusual for your area around Christmas are reported, **a sheet must accompany the report giving satisfactory details of such observations.**

7. The ruled lines at the end of the form are to be used **only** for:

   1. Species not seen on count day but during official count period (list species **in correct checklist order.** Do not list dates or numbers).
   2. All participants **who have paid their $.50 fee listed alphabetically.** Do **not** place addresses here—a separate sheet listing all participants and addresses is required for Audubon House files.

8. Do not initiate a new count in an area near one already established (established counts have priority). Preferably help a nearby group make a more thorough count. Compilers of established counts should check neighboring ones to make sure there is no duplication of territory covered. **The editor must reject counts where overlapping occurs.**

9. Before starting a report, it is suggested that the compiler **place the preceding issue of the Christmas Bird Count before him and use it as a guide.** Before mailing the form, recheck to make sure everything is correct and no items omitted. Please **double-check** your addition of (1) number of species seen; (2) number of individual birds seen; (3) number of persons participating in the count.

10. Because of skyrocketing costs, **Audubon Field Notes** finds it necessary to ask every observer to pay an entry fee of $.50 (fifty cents) for each count in which he participates. It is the compiler's responsibility to send in with his report $.50 (fifty cents) for each participant whose name is listed at the end of the count.

PLEASE GIVE DEFINITE CENTER FOR YOUR COUNT AREA

Christmas Bird Count Dates

Wednesday, December 21, 1960—Sunday, January 1, 1961
(deadline for copy—January 15)

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Wyoming	519-520

Thomas); White-tailed Ptarmigan, 1 (*Colo.*, Rocky Mtn.); Greater Prairie Chicken, 46 (*Okla.*, Ft. Gibson); Sharp-tailed Grouse, 38 (*Alta.*, Raven); Bobwhite, 503 (*Fla.*, Sarasota); Scaled Quail, **678** (*Tex.*, Big Spring); California Quail, 662 (*Calif.*, Sacramento); Gambel's Quail, 133 (*Ariz.*, Phoenix); Mountain Quail, 18 (*Oreg.*, Medford); **Harlequin Quail, 3** (*Ariz.*, Nogales); Ring-necked Pheasant, 790 (*Iowa*, Union Slough); **Red-legged Partridge, 1** (*Colo.*, Ft. Collins); Gray Partridge, 196 (*N. D.*, Des Lacs); Turkey, 80 (*Tex.*, Welder); Whooping Crane, 6 (*Tex.*, Aransas); Sandhill Crane, 18,967 (*Tex.*, Stanton); Limpkin, 16 (*Fla.*, Corkscrew); King Rail, 38 (*Fla.*, Cocoa); Clapper Rail, **133** (*Fla.*, Jacksonville); Virginia Rail, 37 (*Md.*, S. Dorchester Co.); Sora, 85 (*Fla.*, Cocoa); Yellow Rail, **1** (*N. J.*, Oceanville; *Tex.*, Santa Ana); Black Rail, 1 (*Va.*, Norfolk Co.); Purple Gallinule, 6 (*Fla.*, W. Palm Beach); Common Gallinule, 79 (*Fla.*, St. Petersburg); American Coot, 15,000 (*N. C.*, Mattamuskeet).

American Oystercatcher, 58 (*S. C.*, Charleston); Black Oystercatcher, 21 (*Calif.*, Tomales Bay); Semipalmated Plover, 110 (*Fla.*, St. Petersburg); Piping Plover, 65 (*Fla.*, Cocoa); Snowy Plover, 68 (*Calif.*, Orange Co., central); Wilson's Plover, **106** (*Fla.*, St. Petersburg); Killdeer, 3848 (*Calif.*, Sacramento); Mountain Plover, 404 (*Calif.*, Orange Co., central); American Golden Plover, 1 (*Fla.*, W. Palm Beach; *Ark.*, Ft. Smith; *Calif.*, Tomales Bay); Black-bellied Plover, 1141 (*Calif.*, Oakland); Surfbird, 60 (*Calif.*, Crystal Springs); Ruddy Turnstone, 224 (*Fla.*, Coot Bay); Black Turnstone, 175 (*B. C.*, Vancouver); American Woodcock, 9 (*La.*, Sabine); Common Snipe, 502 (*Calif.*, Orange Co., central); Long-billed Curlew, 235 (*Tex.*, Laguna Atascosa); Whimbrel, 143 (*Calif.*, Orange Co., central); Spotted Sandpiper, 48 (*Fla.*, Coot Bay); Solitary Sandpiper, 3 (*Fla.*, Cocoa); Wandering Tattler, 2 (*Calif.*, Monterey); Willet, 1700 (*Calif.*, Oakland); Greater Yellowlegs, 107 (*Tex.*, LaSal Vieja); Lesser Yellowlegs, 64 (*La.*, Sabine); Knot, 221 (*Fla.*, Bradenton); Purple Sandpiper, **313** (*Me.*, Deer Isle); Rock Sandpiper, **51** (*B. C.*, Victoria); Pectoral Sandpiper, **3** (*Fla.*, Cocoa); White-rumped Sandpiper, **1** (*N. J.*, Cape May); Baird's Sandpiper, 7 (*Calif.*, Orange Co., central); Least Sandpiper, 1781 (*Fla.*, Coot Bay); Dunlin, **26,814** (*B. C.*, Ladner); Short-billed Dowitcher, **967** (*Fla.*, Coot Bay); Long-billed Dowitcher, **1072** (*Calif.*, Orange Co., central); Stilt Sandpiper, 3 (*Tex.*, Laguna Atascosa); Semipalmated Sandpiper, 1036 (*Fla.*, Coot Bay); Western Sandpiper, 7716 (*Calif.*, Oakland); Marbled Godwit, 1250 (*Calif.*, Oakland); Sanderling, 934 (*Calif.*, Oakland); American Avocet, 2883 (*Calif.*, Oakland); Black-necked Stilt, 16 (*Calif.*, Orange Co., central); Red Phalarope, 56 (*Fla.*, Atlantic Ocean); Wilson's Phalarope, 1 (*Calif.*, San Diego); Northern Phalarope, **320** (*Calif.*, Orange Co., central); Pomarine Jaeger, **8** (*Fla.*, Atlantic Ocean); Parasitic Jaeger, **14** (*Fla.*, Atlantic Ocean).

Glaucous Gull, **21** (*Ont.*, Kingston); Iceland Gull, 12 (*N. S.*, Halifax); Glaucous-winged Gull, **35,442** (*B. C.*, Vancouver); Great Black-backed Gull, **2108** (*N. Y.*, Brooklyn); Western Gull, 2114 (*Calif.*, San Diego); Herring Gull, 30,000 (*Pa.*, Presque Isle); California Gull, 3055 (*Calif.*, Sacramento); Ring-billed Gull, **170,000** (*Pa.*, Presque Isle); Mew Gull, 8043 (*B. C.*, Vancouver); Black-headed Gull, 5 (*N. S.*, Halifax); Laughing Gull, 1193 (*Fla.*, Bradenton); Franklin's Gull, 12 (*Tex.*, Freeport); Bonaparte's Gull, 6928 (*N. Y.*, Buffalo); Heerman's Gull, 1580 (*Calif.*, Monterey); Black-legged Kittiwake, 20 (*Mass.*, Cape Cod); Gull-billed Tern, 77 (*Tex.*, LaSal Vieja); Forster's Tern, **897** (*Tex.*, Houston); Common Tern, 31 (*Tex.*, Laguna Atascosa); Roseate Tern, 1 (*Fla.*, Cocoa and Coot Bay); Least Tern, 2 (*Tex.*, Houston); Royal Tern, 600 (*Fla.*, Cocoa); Sandwich Tern, 66 (*Fla.*, Lower Keys); Caspian Tern, 208 (*Fla.*, Coot Bay); Black Skimmer, 2416 (*Fla.*, Coot Bay); Razorbill, 2 (*Mass.*, Cape Ann); Common Murre, **423** (*Calif.*, Tomales Bay); Thick-billed Murre, 1 (*N. S.*, Halifax; *Mass.*, Cape Cod); Dovekie, 30 (*Mass.*, Cape Ann); Black Guillemot, **18** (*Me.*, Mt. Desert); Pigeon Guillemot, 75 (*B. C.*, Vancouver); Marbled Murrelet, 19 (*Wash.*, Orcas); Ancient Murrelet, 3 (*B. C.*, Vancouver; *Wash.*, Orcas); Cassin's Auklet, 12 (*Calif.*, Tomales Bay); Rhinoceros Auklet, 81 (*Calif.*, Tomales Bay).

White-crowned Pigeon, 8 (*Fla.*, Coot Bay); Band-tailed Pigeon, 364 (*Calif.*, Yosemite); Red-billed Pigeon, 1 (*Tex.*, Santa Ana); White-winged Dove, 3 (*Fla.*, W. Palm Beach; *La.*, Sabine); Mourning Dove, 6146 (*Ariz.*, Phoenix); Spotted Dove, 137 (*Calif.*, San Bernardino); Ringed Turtle Dove, 56 (*Calif.*, Los Angeles); Ground Dove., 179 (*Fla.*, Ft. Lauderdale); Inca Dove, **489** (*Ariz.*, Phoenix); White-fronted Dove, **46** (*Tex.*, Santa Ana); Mangrove Cuckoo, 1 (*Fla.*, Coot Bay and Ft. Myers); Yellow-billed Cuckoo, **4** (*Fla.*, Coot Bay); Roadrunner, 14 (*Ariz.*, Phoenix); Smooth-billed Ani, **48** (*Fla.*, Ft. Lauderdale); Groove-billed Ani, 6 (*La.*, Sabine); Barn Owl, **50** (*Calif.*, Sacramento); Screech Owl, 41 (*Pa.*, Glenolden); Great Horned Owl, 34 (*Calif.*, Tomales Bay); Snowy Owl, 7 (*Ont.*, Kingston); Hawk-Owl, 1 (*Ont.*, Kirkland Lake; *Minn.*, Duluth); Pygmy Owl, 3 (*Wash.*, Spokane); Burrowing Owl, 18 (*Calif.*, Sacramento); Barred Owl, 25 (*Fla.*, St. Marks); Spotted Owl, **1** (*Calif.*, Tomales Bay); Great Gray Owl, 1 (*Minn.*, Duluth); Long-eared Owl, 22 (*Ill.*, Rockford); Short-eared Owl, 94 (*Idaho*, Moscow); Saw-whet Owl, 7 (*Me.*, Castine).

Chuck-will's-widow, **2** (*Fla.*, Ft. Lauderdale); Whip-poor-will, **3** (*Ala.*, Dauphin I.); Poor-Will, 1 (*Calif.*, San Bernardino); Pauraque, 5 (*Tex.*, Laguna Atascosa); **Vaux's Swift, 2** (*Calif.*, San Diego); White-throated Swift, 233 (*Calif.*, Los Angeles); Ruby-throated Hummingbird, **25** (*Fla.*, Coot Bay); Black-chinned Hummingbird, 5 (*Calif.*, Los Angeles and San Diego); Costa's Hummingbird, 3 (*Calif.*, San Diego); Anna's Hummingbird, 302 (*Calif.*, Orange Co., N.E.); Allen's Hummingbird, **5** (*Calif.*, San Bernardino); Rufous Hummingbird, 1 (*La.*, New Orleans); Belted Kingfisher, **250** (*Fla.*, Coot Bay); Green Kingfisher, 7 (*Tex.*, Del Rio).

Yellow-shafted Flicker, 159 (*Md.*, Ocean City); Red-shafted Flicker, 695 (*Calif.*, Sacramento); Gilded Flicker, 13 (*Ariz.*, Santa Catalina Mts.); Pileated Woodpecker, **48** (*Ga.*, Okefenokee); Red-bellied Woodpecker, 188 (*Ohio*, Cincinnati); Golden-fronted Woodpecker, **98** (*Tex.*, San Antonio); Gila Woodpecker, 82 (*Ariz.*, Santa Catalina Mts.); Red-headed

Woodpecker, 359 (*Okla.*, Tulsa); Acorn Woodpecker, 448 (*Calif.*, Orange Co., N.E.); Lewis' Woodpecker, 84 (*Calif.*, Chico); Yellow-bellied Sapsucker, 54 (*Tex.*, Tyler); Williamson's Sapsucker, 2 (*Calif.*, Redlands); Hairy Woodpecker, 81 (*Conn.*, Westport); Downy Woodpecker, 380 (*Ohio*, Cincinnati); Ladder-backed Woodpecker, 85 (*Tex.*, Santa Ana); Nuttall's Woodpecker, 48 (*Calif.*, Sacramento); Arizona Woodpecker, 2 (*Ariz.*, Santa Catalina Mts.); Red-cockaded Woodpecker, **44** (*La.*, Shreveport); White-headed Woodpecker, 4 (*Calif.*, Redlands and Yosemite); Black-backed Three-toed Woodpecker, 2 (*P. Q.*, Quebec; *Me.*, Castine); Northern Three-toed Woodpecker, 1 (*Sask.*, Kamsack; *Alta.*, Calgary).

Eastern Kingbird, **2** (*Fla.*, W. Palm Beach); Tropical Kingbird, 1 (*Tex.*, Del Rio); Cassin's Kingbird, **48** (*Calif.*, Orange Co., N.E.); Western Kingbird, **24** (*Fla.*, Ft. Lauderdale); Scissor-tailed Flycatcher, **19** (*La.*, Buras); Kiskadee Flycatcher, **219** (*Tex.*, Santa Ana); Great Crested Flycatcher, **56** (*Fla.*, Coot Bay); Wied's Crested Flycatcher, **1** (*Tex.*, Welder); Ash-throated Flycatcher, 6 (*Ariz.*, Sierra Pinta); Eastern Phoebe, 154 (*Fla.*, Cocoa); Black Phoebe, 66 (*Calif.*, Tomales Bay); Say's Phoebe, **110** (*Calif.*, Pasadena); empidonax (sp.), 2 (*Tex.*, Santa Ana); Vermilion Flycatcher, 60 (*Tex.*, Santa Ana); Beardless Flycatcher, 3 (*Tex.*, Santa Ana); Skylark, 45 (*B. C.*, Victoria); Horned Lark, 1089 (*Kans.*, Halstead); Violet-green Swallow, 20 (*Calif.*, San Diego); Tree Swallow, 15,328 (*La.*, New Orleans); Rough-winged Swallow, 127 (*Fla.*, Ft. Lauderdale); Barn Swallow, **50** (*Fla.*, Key Largo); Purple Martin, 3 (*Fla.*, Ft. Lauderdale).

Gray Jay, 24 (*Wis.*, Hiles); Blue Jay, **1018** (*Md.*, Triadelphia); Steller's Jay, 194 (*Calif.*, Yosemite); Scrub Jay, 577 (*Calif.*, Los Angeles); Mexican Jay, 25 (*Ariz.*, Santa Catalina Mts.); Green Jay, **370** (*Tex.*, Santa Ana); Black-billed Magpie, **718** (*Colo.*, Jefferson Co.); Yellow-billed Magpie, 1717 (*Calif.*, Sacramento); Common Raven, **241** (*N. M.*, Santa Fe); White-necked Raven, 556 (*Tex.*, Midland); Common Crow, 9790 (*Ohio*, Toledo); Northwestern Crow, 668 (*B. C.*, Victoria); Fish Crow, 3800 (*Fla.*, Ft. Pierce); Piñon Jay, 354 (*N. M.*, Santa Fe); Clark's Nutcracker, 13 (*Colo.*, Idaho Springs).

Black-capped Chickadee, **1133** (*Conn.*, Westport); Carolina Chickadee, 874 (*Ohio*, Cincinnati); Mountain Chickadee, 188 (*Oreg.*, Ft. Klamath); Boreal Chickadee, 56 (*Me.*, Castine); Chestnut-backed Chickadee, 262 (*Calif.*, Oakland); Tufted Titmouse, 552 (*Ohio*, Cincinnati); Black-crested Titmouse, 97 (*Tex.*, San Antonio); Plain Titmouse, 110 (*Calif.*, Orange Co., N.E.); Bridled Titmouse, 14 (*Ariz.*, Santa Catalina Mts.); Verdin, 83 (*Ariz.*, Phoenix); Common Bushtit, 603 (*Calif.*, Oakland); White-breasted Nuthatch, 222 (*N. J.*, Great Swamp); Red-breasted Nuthatch, **247** (*N. J.*, Hackensack); Brown-headed Nuthatch, **482** (*Md.*, S. Dorchester Co.); Pigmy Nuthatch, 304 (*Wash.*, Spokane); Brown Creeper, **100** (*Ohio*, Buckeye Lake).

Wrentit, 271 (*Calif.*, Los Angeles); Dipper, 16 (*Colo.*, Loveland); House Wren, 112 (*Fla.*, Cocoa); Winter Wren, 72 (*B. C.*, Vancouver); Bewick's Wren, **97** (*Tex.*, W. Travis Co.); Carolina Wren, 479 (*Ohio*, Cincinnati); Cactus Wren, 53 (*Tex.*, Odessa); Long-billed Marsh Wren, 48 (*Md.*, S. Dorchester Co.); Short-billed Marsh Wren, 90 (*La.*, Sabine); Cañon Wren, 13 (*Calif.*, Pasadena); Rock Wren, **38** (*Tex.*, Davis Mts.); Mockingbird, 545 (*Calif.*, Los Angeles); Catbird, 247 (*Fla.*, Coot Bay); Brown Thrasher, **200** (*Tex.*, Houston); Long-billed Thrasher, 25 (*Tex.*, Santa Ana); Bendire's Thrasher, 14 (*Ariz.*, Phoenix); Curve-billed Thrasher, 50 (*Ariz.*, Phoenix); California Thrasher, 79 (*Calif.*, Los Angeles); Le Conte's Thrasher, **3** (*Ariz.*, Sierra Pinta); Crissal Thrasher, 9 (*Tex.*, El Paso); Sage Thrasher, 4 (*Tex.*, Laguna Atascosa and W. Travis Co.).

Robin, 50,000 (*Fla.*, Cocoa); Varied Thrush, 24 (*Calif.*, Oakland); Wood Thrush, **1** (*N. Y.*, Cent. Suffolk Co.; *Pa.*, Lower Bucks Co.; *La.*, St. Francisville); Hermit Thrush, **224** (*Calif.*, Oakland); Swainson's Thrush, 2 (*Tex.*, San Antonio; *Calif.*, Redlands); Eastern Bluebird, **537** (*Tex.*, Del Rio); Western Bluebird, 213 (*Calif.*, Redlands); Mountain Bluebird, 250 (*Calif.*, Big Bear Lake); Townsend's Solitaire, 91 (*N. Mex.*, Santa Fe); Blue-gray Gnatcatcher, 492 (*Fla.*, Coot Bay); Black-tailed Gnatcatcher, 6 (*Ariz.*, Imperial); Golden-crowned Kinglet, 335 (*Oreg.*, Eugene); Ruby-crowned Kinglet, 327 (*Fla.*, St. Marks); Water Pipit, **9794** (*Calif.*, Sacramento); Sprague's Pipit, 9 (*La.*, Sabine); Bohemian Waxwing, 2950 (*Alta.*, Edmonton); Cedar Waxwing, 1019 (*Calif.*, Oakland); Phainopepla, 28 (*Ariz.*, Santa Catalina Mts.); Northern Shrike, **20** (*Idaho*, Moscow); Loggerhead Shrike, 284 (*Tex.*, Houston); Starling, 1,302,942 (*Ill.*, Crab Orchard); Crested Myna, **312** (*B. C.*, Vancouver).

White-eyed Vireo, **147** (*Fla.*, Coot Bay); Hutton's Vireo, **19** (*Calif.*, Monterey); Gray Vireo, 1 (*Ariz.*, Sierra Pinta); Yellow-throated Vireo, 3 (*Fla.*, Coot Bay); Solitary Vireo, 9 (*Fla.*, Ft. Lauderdale; *La.*, Buras); Black-and-white Warbler, 38 (*Fla.*, Coot Bay); Prothonotary Warbler, 1 (*Va.*, Newport News); Orange-crowned Warbler, **281** (*La.*, Buras); Nashville Warbler, 6 (*Tex.*, Santa Ana); **Lucy's Warbler,** 1 (*La.*, Buras); Parula Warbler, 17 (*Fla.*, Coot Bay); Yellow Warbler, 4 (*Fla.*, Coot Bay); Magnolia Warbler, 1 (*Fla.*, Key West; *La.*, Buras; *Tex.*, Waco); Cape May Warbler, 3 (*Fla.*, Key West); Black-throated Blue Warbler, **5** (*Fla.*, Ft. Lauderdale); Myrtle Warbler, 5500 (*N. J.*, Oceanville); Audubon's Warbler, 3832 (*Calif.*, Sacramento); Black-throated Gray Warbler, 3 (*Ariz.*, Santa Catalina Mts.); Townsend's Warbler, 30 (*Calif.*, Palo Alto); Black-throated Green Warbler, 2 (*Fla.*, Key West); Hermit Warbler, **6** (*Calif.*, Palo Alto); Yellow-throated Warbler, 36 (*Fla.*, Coot Bay); Chestnut-sided Warbler, **1** (*Fla.*, Daytona); Pine Warbler, 130 (*Ga.*, Columbus); Prairie Warbler, **129** (*Fla.*, Coot Bay); Palm Warbler, 750 (*Fla.*, Cocoa); Ovenbird, **9** (*Fla.*, Ft. Pierce); Northern Waterthrush, 9 (*Fla.*, Coot Bay); Kentucky Warbler, **1** (*Tex.*, Freeport); Yellowthroat, 295 (*Fla.*, Coot Bay); Yellow-breasted Chat, 4 (*Va.*, Back Bay); Wilson's Warbler, 4 (*La.*, Buras; *Tex.*, Freeport); American Redstart, 4 (*Fla.*, Coot Bay).

House Sparrow, 22,051 (*Ariz.*, Phoenix); European Tree Sparrow, 8 (*Mo.*, Portage Des Sioux); Eastern Meadowlark, 2821 (*Tex.*, San Antonio); Western Meadowlark, 4197 (*Calif.*, Sacramento); Yellow-headed Blackbird, 5712 (*Ariz.*, Phoenix); Redwinged Blackbird, **8,000,000** (*Va.*, Norfolk Co.); Tricolored

Blackbird, 100 (*Calif.*, Crystal Springs and San Diego); Orchard Oriole, **2** (*Md.*, Annapolis); Black-headed Oriole, 6 (*Tex.*, Bentsen and Santa Ana); Hooded Oriole, 5 (*Calif.*, Orange Co., central); Baltimore Oriole, **10** (*N. C.*, Cent. Beaufort); Bullock's Oriole, 3 (*Fla.*, Key Largo); Rusty Blackbird, 150,000 (*S. C.*, Clemson); Brewer's Blackbird, **250,000** (*Tex.*, Waco); Boat-tailed Grackle, 9687 (*Tex.*, Santa Ana); Common Grackle, 1,000,000 (*Va.*, Norfolk Co.); Brown-headed Cowbird, **400,000** (*Tex.*, Waco); Bronzed Cowbird, 25 (*Tex.*, Bentsen); Western Tanager, 1 (*Mass.*, Cape Cod; *Pa.*, West Chester; *N. C.*, Mattamuskeet; *Calif.*, San Diego).

Cardinal, 1159 (*Ohio*, Cincinnati); Pyrrhuloxia, 162 (*Tex.*, Eagle Pass); Rose-breasted Grosbeak, 1 (*N. Y.*, Bronx); Black-headed Grosbeak, 1 (*Conn.*, Hartford); Blue Grosbeak, **2** (*N. C.*, Wilmington); Indigo Bunting, **72** (*Fla.*, Ft. Lauderdale); Lazuli Bunting, 2 (*Ariz.*, Santa Cruz Valley); Painted Bunting, **128** (*Fla.*, Ft. Lauderdale); Dickcissel, 2 (*Conn.*, New London); Evening Grosbeak, 833 (*Mass.*, Northampton); Purple Finch, 356 (*Oreg.*, Portland); Cassin's Finch, 69 (*N. Mex.*, Santa Fe); House Finch, 5508 (*Calif.*, Orange Co., central); White-collared Seedeater, 19 (*Tex.*, Santa Ana); Pine Grosbeak, 151 (*Minn.*, Duluth); Gray-crowned Rosy Finch, 412 (*Wyo.*, Casper); Black Rosy Finch, 125 (*Mont.*, Great Falls); Brown-capped Rosy Finch, 130 (*N. Mex.*, Espanola); Hoary Redpoll, **44** (*Alta.*, Edmonton); Common Redpoll, 1153 (*Mass.*, Springfield); Pine Siskin, 2931 (*B. C.*, Vancouver); American Goldfinch, **5901** (*Calif.*, Sacramento); Lesser Goldfinch, **3277** (*Calif.*, Sacramento); Lawrence's Goldfinch, 89 (*Ariz.*, Phoenix); Red Crossbill, 383 (*Wash.*, Spokane); White-winged Crossbill, 49 (*Alta.*, Edmonton).

Olive Sparrow, 11 (*Tex.*, Santa Ana); Green-tailed Towhee, 25 (*Ariz.*, Santa Cruz Valley); Rufous-sided Towhee, 316 (*Va.*, Norfolk Co.); Brown Towhee, 887 (*Calif.*, Orange Co., N.E.); Abert's Towhee, **111** (*Ariz.*, Phoenix); Lark Bunting, **13,512** (*Tex.*, Midland); Ipswich Sparrow, 6 (*Md.*, Ocean City); Savannah Sparrow, 3844 (*Calif.*, Sacramento); Grasshopper Sparrow, 17 (*Ga.*, Rome); Baird's Sparrow, 14 (*N. Mex.*, Roswell); Le Conte's Sparrow, 10 (*Tex.*, Tyler); Henslow's Sparrow, 5 (*N. C.*, Wilmington); Sharp-tailed Sparrow, 55 (*N. J.*, Cape May); Seaside Sparrow, 42 (*La.*, Sabine); Dusky Seaside Sparrow, 4 (*Fla.*, Titusville); Vesper Sparrow, 517 (*Tex.*, San Antonio); Lark Sparrow, 335 (*Calif.*, San Jose); Rufous-crowned Sparrow, **50** (*Calif.*, Sacramento); Bachman's Sparrow, 8 (*Fla.*, St. Petersburg); Cassin's Sparrow, 4 (*Tex.*, Stanton); Black-throated Sparrow, 99 (*Tex.*, Davis Mts.); Sage Sparrow, 28 (*Calif.*, China Lake); White-winged Junco, 56 (*Colo.*, Jefferson Co.); Slate-colored Junco, 2605 (*N. J.*, N.W. Gloucester Co.); Oregon Junco, **4200** (*N. Mex.*, Espanola); Gray-headed Junco, 892 (*N. Mex.*, Santa Fe); Mexican Junco, 13 (*Ariz.*, Santa Catalina Mts.); Tree Sparrow, 2100 (*Kans.*, Quivira); Chipping Sparrow, **750** (*N. C.*, Cent. Beaufort Co.); Clay-colored Sparrow, 22 (*Nebr.*, Scottsbluff); Brewer's Sparrow, 535 (*Ariz.*, Santa Cruz Valley); Field Sparrow, **1471** (*Tex.*, Tyler); Black-chinned Sparrow, 3 (*Ariz.*, Santa Catalina Mts.); Harris' Sparrow, 500 (*Okla.*, Salt Plains); White-crowned Sparrow, 17,348 (*Calif.*, Sacramento); Golden-crowned Sparrow, 1972 (*Calif.*, Sacramento); White-throated Sparrow, 2911 (*Pa.*, Glenolden); Fox Sparrow, 156 (*Pa.*, Glenolden); Lincoln's Sparrow, **514** (*Tex.*, San Antonio); Swamp Sparrow, 726 (*Md.*, So. Dorchester Co.); Song Sparrow, **3300** (*S. C.*, Clemson); McCown's Longspur, 10 (*Tex.*, Denton); Lapland Longspur, 740 (*Ark.*, Lonoke); Smith's Longspur, **151** (*Tex.*, Tyler); Chestnut-collared Longspur, 500 (*Kans.*, Quivira); Snow Bunting, 1057 (*Ont.*, West Elgin).